

December 30, 2004

Louisville Gas and Electric Company 220 West Main Street (40202) P.O. Box 32010 Louisville, Kentucky 40232

Elizabeth O'Donnell, Executive Director Public Service Commission of Kentucky 211 Sower Blvd. P.O. Box 615

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DEC 3 0 2004 PUBLIC SERVICE

COMMISSION

Performance Based Ratemaking ("PBR" Case No. 2001-00021) Re:

Dear Ms. O'Donnell:

Frankfort, Kentucky 40601

As directed in the Commission's Order in the above-cited case, dated October 26, 2001, attached are an original and four copies of the PBR quarterly activity report. This report is a summary of LG&E's activity under the PBR mechanism for the period beginning August 1, 2004 and ending October 31, 2004, including data and supporting documentation for the entirety of PBR Year 7 (November 1, 2003, through October 31, 2004).

The report includes the following:

- The non-labor related O&M costs incurred to implement the PBR 1. mechanisms,
- The results of LG&E's activity under the PBR. 2.

If you have any questions regarding this matter, please contact Clay Murphy, Director of Gas Management, Planning and Supply at (502) 627-2424.

Respectfully,

Robert M. Conray
Robert M. Conray
mlg

Manager, Rates

Attachments

Activity Under LG&E's Performance-Based Ratemaking ("PBR") Mechanism for August, September, and October 2004 and for the PBR Period for the 12 Months Ended October 31, 2004

Attached is a summary of LG&E's activity under the PBR mechanism for August, September, and October of 2004. This filing also includes data and supporting documentation for the entirety of PBR Year 7 (November 1, 2003, through October 31, 2004) of LG&E's gas supply cost PBR mechanism. This information has been used as the basis for the calculation and filing of the applicable PBR Recovery Component ("PBRRC") effective February 1, 2005.

General Discussion: The results for this PBR period cannot and should not be extrapolated for subsequent PBR periods. The results shown in this filing compare the various calculated benchmarks against actual gas costs for each PBR component by month. The actual gas costs and volumes set forth herein do not correspond to the dollars and volumes actually booked and reported by LG&E as purchased gas costs for the period as reported in LG&E's Gas Supply Clause ("GSC"). In order to match actual costs with the appropriate monthly benchmarks, the actual costs and volumes used herein reflect adjustments made to LG&E's costs and volumes, not in the month the adjustments were made and booked, but in the month for which the adjustments were applicable.

Information Required to be Reported: As required by the Commission, the following information is being supplied as a part of this filing.

<u>Calculated Results</u>: During the 12 months ended October 31, 2004, LG&E has achieved the following results:

	PBR-GAIF	PBR-TIF	PBR-OSSIF	Total
Nov.				
2003	(\$662,248)	\$277,151	\$36,225	(\$348,872)
Dec.	\$2,041,353	\$357,286	\$876,526	\$3,275,165
Jan. 2004	\$159,284	\$474,815	\$138,098	\$772,197
Qtr. Subtotal	\$1,538,389	\$1,109,252	\$1,050,849	\$3,698,490
Feb.	(\$320,129)	\$279,967	\$0	(\$40,162)
Mar.	\$299,242	\$249,229	\$198,049	\$746,520
Apr.	\$51,848	\$392,822	\$12,175	\$456,845
Qtr. Subtotal	\$30,961	\$922,018	\$210,224	\$1,163,203

	PBR-GAIF	PBR-TIF	PBR-OSSIF	<u>Total</u>
Man	\$229,346	\$374,594	\$0	\$603,940
May Jun.	\$229,340 \$48,119	\$461,838	\$0 \$0	\$509,957
Jul.	(\$32,991)	\$516,045	\$0	\$483,054
Qtr. Subtotal	\$244,474	\$1,352,477	\$0	\$1,596,951
Aug.	\$295,557	\$498,329	\$0	\$793,886
Sep.	\$189,685	\$513,626	\$0	\$703,311
Oct.	\$437,899	\$505,637	\$81,360	\$1,024,896
Qtr. Subtotal	\$923,141	\$1,517,592	\$81,360	\$2,522,093
Total	\$2,736,965	\$4,901,339	\$1,342,433	\$8,980,737

The supporting calculations are enclosed with this filing.

PBR—Gas Acquisition Index Factor ("GAIF") is an incentive mechanism for gas commodity costs. Under this component, LG&E benchmarks its gas commodity costs against a calculated benchmark representative of the market price of gas by using various industry-accepted price postings. Factors affecting LG&E's performance under this portion of the PBR mechanism are discussed below.

Purchasing Practices and Strategy: LG&E has sought to ensure that savings result under the PBR mechanism by (1) aggressively managing gas supplies to ensure that purchases will be made at less than applicable gas supply indices, (2) purchasing gas at capacity-constrained points at which points natural gas is typically priced at less than the referenced indices, and (3) maximizing the use of LG&E's on-system storage and offsystem contract storage by accelerating or deferring injections (or withdrawals) in order to maximize savings under the PBR mechanism. LG&E has not used any financial instruments to date in pursuing its objectives under the PBR mechanism.

<u>Composition of Savings</u>: Total net savings under the PBR-GAIF component of the mechanism is \$2,736,965. The portion of savings attributable to commodity purchasing activities under PBR-GAIF is \$5,474,359. The portion of savings attributable to the HRF component of PBR-GAIF is (\$2,737,394).

PBR – **Transportation Index Factor** ("**TIF**") is an incentive mechanism for pipeline transportation costs. With this component, LG&E benchmarks its pipeline transportation costs against the transportation rates filed with the Federal Energy Regulatory Commission ("FERC") by either Texas Gas Transmission, LLC ("Texas Gas") or Tennessee Gas Pipeline Company ("Tennessee"), as applicable.

<u>Purchasing Practices and Strategy</u>: LG&E has sought to ensure that savings result under the PBR mechanism by (1) aggressively negotiating pipeline discounts, and (2) releasing pipeline capacity when not required by LG&E to serve its customers. Factors affecting LG&E's performance under this portion of the PBR mechanism are discussed below.

<u>Texas Gas Transmission, LLC</u>: The rates being charged by Texas Gas are not being billed subject to refund.

<u>Tennessee Gas Pipeline Company</u>: The rates being charged by Tennessee are not being billed subject to refund.

<u>Composition of Savings by Pipeline</u>: Total savings under the PBR-TIF component of the PBR is \$4,901,339. The portion of savings attributable to Texas Gas under PBR-TIF is \$2,540,858. The portion of savings attributable to Tennessee under PBR-TIF is \$2,360,481.

PBR – **Off-System Sales Index Factor ("OSSIF")** is an incentive mechanism for off-system sales. LG&E may be in a position to sell natural gas or transportation services or both above cost.

Off-System Sales Activity: LG&E made off-system sales during the PBR period when the opportunity to generate savings arose. These off-system sales were made to entities which are not affiliated with LG&E.

PBR Amounts and Demand/Commodity Allocation: Following is a summary of the various PBR components in total for the 12 months ended October 31, 2004. Under the revised sharing mechanism approved by the Commission in its Order dated October 26, 2001, a sliding scale was adopted. Under that sliding scale, LG&E's share in any savings or expenses is 25% for all savings or expenses up to 4.5% of Total Actual Gas Supply Costs ("TAGSC"), which is the sum of Actual Gas Costs ("AGC") and Total Actual Annual Gas Transportation Costs ("TAAGTC"). For savings (or expenses) in excess of 4.5% of TAGSC, LG&E's share is 50%.

Total savings for PBR Year 7 were \$8,980,737, and TAGSC was \$246,807,854, which is the sum of \$220,159,259 in AGC and \$26,648,595 in TAAGTC. Therefore, savings as a percentage of TAGSC were 3.64% (\$8,980,737 / \$246,807,854). Hence, all of the savings up to \$11,106,353 (4.5% x \$246,807,854) are shared with 25% allocated to LG&E and the remaining 75% being retained by customers as having already been reflected in LG&E's GSCC. Because there are no savings in excess of the 4.5% threshold of \$11,106,353, none are shared at the 50% sharing tier.

Therefore, the initial tier of the sliding scale is allocated on a 25/75 basis with \$2,245,184 (25% x \$8,980,737) being allocated to the Company and \$6,735,553 (75% x \$8,980,737) being allocated to customers. There is no sharing under the second tier which is subject

to sharing on a 50/50 basis between Company and customers. Therefore, the total portion of the savings being retained by customers is \$6,735,553 (\$6,735,553 + \$0); and the total portion of the savings being allocated to the Company and collected from customers is \$2,245,184 (\$2,245,184 + \$0). Therefore, the PBRRC to be collected for the Company from customers through the GSCC is \$2,245,184.

The total to be collected for the Company from customers through the GSCC is \$2,245,184. This amount must be segregated into its respective commodity (or volumetric) and demand (or fixed) components in order to properly recover the amounts from sales and standby transportation customers. Of this total amount, \$276,831 is to be recovered for the Company from sales and standby transportation customers through the Pipeline Supplier's Demand Component as a demand component. The remaining \$1,968,353 is to be recovered for the Company from sales customers through the GSCC. The calculation of the split as between demand and commodity is set forth as a part of the attached PBR calculations.

Non-Labor and Operating and Maintenance ("O&M") Costs: The PBR mechanism requires that LG&E exclude labor-related or other expenses typically classified as O&M expenses from the determination of any savings or expenses under the PBR mechanism. LG&E is required to report on a quarterly basis any costs required to implement the PBR mechanism. Inasmuch as such costs cannot be used to offset the savings or increase expenses which might arise under the PBR mechanism, LG&E has sought to minimize these incremental costs. LG&E has not incurred any significant quantifiable costs during the period covered by this quarterly report for activity under the PBR.

pbr_quarterly_reports_psc_4 2004.doc

PBR CALCULATIONS FOR THE 12 MONTHS ENDED OCTOBER 31, 2004

PBR-GAIF SUPPORTING CALCULATIONS

PBR-GAIF CALCULATION OF BENCHMARK GAS COSTS ("BGC")

12	SZFQE% TGPL ZONE 1 6.25% (C. 8 X SZFQE%)	148,003 299,784 254,324	200,791	72,525 115,644	201,103	283,678	278,247	2,411,207																	
/	ALLOCATION OF APV ACCORDING TO SZFQE% TGT ZONE 1 TGPL ZONE 0 31.31% 22.72% C. 8 X SZFQE%) (C. 8 X SZFQE%) (C. 8 3	538,021 1,089,776 924,519	729,915	263,643	731,051	934,948 1,031,226	805,260 1,011,482	8,765,219	23	TOTAL BMGCC (14+16+18+20+22)	000000	\$10,382,392 \$26,415,415 \$24,504,451	\$17,582,190 \$6,540,197	\$6,402,258	\$20,495,176 \$24,540,652 \$25,462,045	\$17,576,034 \$26,120,740	\$217,300,994								
01	ALLOCATION OF A TGT ZONE 1 31.31% (C. 8 X SZFQE%)	741,437 1,501,800	1,005,882	363,321	1,007,447	1,288,434	1,109,714 1,393,904	12,079,181	22	APV×DAI TGT OR TGPL (7×21)		80 80 80 80	S S	8 8 8	00 00 00 00 00 00 00 00 00 00 00 00 00	80	0\$								
თ	TGT ZONE SL 39.72% (C. 8. X SZFQE%)	940,591 1,905,190	1,010,279 1,276,066 498,232	460,911	1,278,052	1,634,512 1,802,831	1,407,788 1,768,313	15,323,702	21	DAI TGT OR TGPL		\$4.8691 \$5.9442 \$6.6901	\$6.1021 \$5.6013	\$5,9962 \$6,5627	\$6.7917 \$6.3025 \$5.9383	\$5.2857 \$6.2515									
ω	APV - PEFDCQ= TOTAL APV FOR SYSTEM SUPPLY	2,368,052	4,003,104 3,212,654 1,254,361	1,160,400	3,217,653	4,115,087 4,538,848	3,544,279 4,451,946	38,579,309	20	APV x SAI TGPL-21 (12X19)	(Gara)	\$648,372 \$1,657,116 \$1,562,394	\$1,109,109	\$399,265 \$704,723	\$1,280,282 \$1,528,215 \$1,583,774	\$1,099,677 \$1,694,189	\$13,616,463	28	BGC (24+27)	\$11,152,127	\$22,646,021 \$18,574,644 \$7,085,283	\$6,537,218	\$20,629,528 \$24,678,016	\$25,603,325 \$17,705,537 \$26,434,142	\$222,896,224
2	TGT OR TGPL PEFDCQ	000	000	000	00	00	00	0	19	SAI TGPL-Z1	72.0	\$4.3808 \$5.5277 \$6.1040	\$5.5237	\$5.5052 \$6.0939	\$6.3663 \$5.9419 \$5.5830	\$4.9643 \$5.9091									
ဖ	TOTAL APV FOR SYSTEM SUPPLY (1+2+3+4+5)	2,368,052 4,796,550	4,069,184 3,212,654 4,354,354	1,160,400	3,217,653	4,115,087 4,538,848	3,544,279 4,451,946	38,579,309	18	APV x SAI TGPL-Z0 (11X17)	(AIVII)	\$2,316,503 \$5,834,334 \$5,305,722	\$3,808,842	\$1,428,471	\$4,593,047 \$5,486,462 \$5,711,342	\$3,919,523 \$5,821,686	\$48,203,667								
ĸ	TGPL APV - OTHER	00	000	000	0	0 0	00	0	17	SAI TGPL-20	197-7-20	\$4.3056 \$5.3537 \$5.7389	\$5.2182	\$5.4182	\$6.2828 \$5.8682	\$5.3564 \$4.8674 \$5.7556									
4	APV TRANSPORTED UNDER TGPL FT-A	799,737 1,663,708	1,529,273	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 985,496	1,651,494	1,578,761	13,459,935	16	APV x SAI TGT-Z1 (10X15)	(1001)	\$3,272,332 \$8,342,349 \$7,758,910	\$5,574,799 \$2,062,828	\$2,016,650	\$6,434,262 \$7,686,540	\$5,017,331 \$5,515,501 \$8,199,361	\$68.422,946	27	HRF (25 + 26) / 2	\$769,735 \$1,013,835	\$1,141,570 \$992,454 \$545,086	\$134,960	\$134,352	\$141,280 \$129,503 \$313,402	\$5,595,230
м	APV TRANSPORTED UNDER OTHER TGT CAPACITY	00	123,712 0	00	00	00	00	123,712	51	SAI TGT-21	12-151	\$4.4135 \$5.5549	\$5.5422 \$5.5422 \$5.2524	\$5.5506 \$6.1141	\$6.3867 \$5.9658	\$5.6416 \$4.9702 \$5.8823		26	1.Y ION FEES 2002/2003	\$776,979 \$1,026,714	\$1,080,165 \$930,815 \$477,399	\$135,342	\$134,528	\$142,022 \$132,814 \$324,517	\$5,440,468
7	APV TRANSPORTED UNDER TGT RATE FT	558,754 1,049,578	807,982	83,080 122,000	136,642 836.744	1,697,823	1,316,189	10,224,771	14	APV x SAI TGT-SL (9X13)	(9X13)	\$4,145,185 \$10,581,616 \$0,887,425	\$7,089,440 \$7,089,440	\$2,512,537 \$2,557,872 \$4,503,988	\$8,187,585 \$9,839,435	\$7,041,333 \$7,041,333 \$10,455,504	\$87,057,918	25	SUPPLY RESERVATION FEES 2001/2002 200	\$762,491 \$1,000,955	\$1,202,975 \$1,054,092	\$134,578	\$134,175	\$140,537 \$126,191 \$302,287	\$5,749,986
	APV TRANSPORTED UNDER TGT RATE NNS	1,009,561 2,083,264	1,608,217	501,549	1,713,653	765,770	649,329 1,336,323	14,770,891	13	SAI TGT-SI	TGT-SL	\$4.4070 \$5.5541	\$5.5557 \$5.5557 \$5.7565	\$5.5496 \$5.5496	\$6.4063 \$6.0198	\$5.6298 \$5.0017 \$5.9127		24	TOTAL BMGCC (COL. 23)	\$10,382,392	\$24,504,451 \$17,582,190	\$6,402,258 \$6,402,258			\$217,300,994
Column	• "	Nov 03 Dec 03	Jan 04 Feb 04	Mar 04 Apr 04	May 04	Jul 04	Sep 04 Oct 04	Total	Column		1	Nov 03 Dec 03	Feb 04	Apr 04	Jun 04	Aug 04 Sep 04 Oct 04	Total	Column	!	Nov 03 Dec 03	Jan 04 Feb 04	Apr 04	Jun 04	Sep 04	Total

PBR-GAIF CALCULATION OF ACTUAL GAS COSTS ("AGC")

LOUISVILLE GAS AND ELECTRIC COMPANY GAS ACQUISITION INDEX FACTOR - CALCULATION OF AGC

10 COST OF GAS TRANSPORTED UNDER OTHER TGPL CAPACITY	O O O O O O O O O O O O O O O O O O O	0	
9 APV TRANSPORTED UNDER OTHER TGPL CAPACITY	0000000000	0	
8 COST OF GAS TRANSPORTED UNDER LG&E'S TGPL RATE FT'A	\$3,435,847 \$8,721,996 \$8,721,243 \$6,607,543 \$3,320,50 \$0 \$6,035,233 \$9,528,882 \$8,764,301 \$7,640,217 \$9,905,658	\$72,751,050	
7 APV TRANSPORTED UNDER LG&E'S TGPL RATE FT-A	799,737 1,663,708 1,529,273 1,279,000 669,732 0 985,496 1,651,494 1,578,761 1,578,761 1,651,240	13,459,935	
6 COST OF GAS TRANSPORTED UNDER OTHER TGT CAPACITY	\$716,138 \$716,138 \$60 \$60 \$60 \$60 \$60 \$60 \$60 \$60 \$60 \$60	\$716,138	
5 APV TRANSPORTED UNDER OTHER TGT CAPACITY	123,712 0 0 0 0 0 0 0	123,712	
4 COST OF GAS TRANSPORTED UNDER LG&E'S TGT RATE FT	\$2,456,751 \$5,041,408 \$4,839,307 \$2,542,298 \$416,646 \$711,240 \$784,514 \$5,294,569 \$10,363,818 \$9,470,181 \$6,427,929 \$8,183,274	\$56,541,935	
3 APV TRANSPORTED UNDER LG&E'S TGT RATE FT	558,754 1,049,578 807,982 453,268 83,080 122,000 136,442 836,744 1,697,823 1,698,328 1,316,189 1,464,383	10.224,771 13 TOTAL ACTUAL GAS COSTS	\$11,814,375 \$25,387,897 \$25,486,737 \$18,894,773 \$6,786,041 \$6,485,370 \$11,191,787 \$20,581,409 \$24,711,007 \$25,307,768 \$17,515,852 \$25,996,243
2 COST OF GAS TRANSPORTED UNDER LG&E'S RATE NNS	\$4,407,296 \$9,977,868 \$9,629,679 \$8,276,370 \$2,566,840 \$10,183,074 \$9,044,318 \$6,859,394 \$3,240,714 \$7,512,583	\$81,817,512 12 2003/2004 SUPPLY RESERVATION FEES	\$1,514,481 \$1,576,625 \$1,580,370 \$1,468,562 \$533,997 \$207,290 \$207,289 \$214,199 \$214,199 \$213,892 \$206,992 \$394,728
1 APV TRANSPORTED UNDER LG&E'S TGT RATE NNS	1,009,561 2,083,264 1,608,217 1,480,386 501,549 1,038,400 1,713,653 1,395,413 765,770 1,189,026 649,329 1,336,323	14,770,891 11 TOTAL GAS COSTS (2+4+6+8+10)	\$10,299,894 \$23,811,272 \$23,906,367 \$17,426,211 \$6,252,044 \$6,278,080 \$10,977,588 \$20,374,120 \$24,496,808 \$25,093,876 \$17,308,860 \$25,601,515 \$25,601,515
Column	Nov 03 Dec 03 Jan 04 Mar 04 Apr 04 Apr 04 Jun 04 Jun 04 Sep 04 Sep 04	Column	Nov 03

PBR-GAIF CALCULATION OF SAVINGS AND/OR EXPENSES

LOUISVILLE GAS AND ELECTRIC COMPANY CALCULATION OF SAVINGS AND EXPENSES UNDER PBR GAS ACQUISITION FACTOR ("GAIF")

က	SAVINGS/ (EXPENSES) (1 - 2)	(\$662,248) \$2,041,353 \$159,284 (\$320,129)	\$299,242 \$51,848 \$229,346 \$48,119 (\$32,991) \$295,557	\$189,685 \$437,899 \$2,736,965
7	AGC FROM COL. 13	\$11,814,375 \$25,387,897 \$25,486,737 \$18,894,773	\$6,786,041 \$6,485,370 \$11,191,787 \$20,581,409 \$24,711,007 \$25,307,768	\$17,515,852 \$25,996,243 \$220,159,259
	BGC FROM COL. 28	\$11,152,127 \$27,429,250 \$25,646,021 \$18,574,644	\$7,085,283 \$6,537,218 \$11,421,133 \$20,629,528 \$24,678,016 \$25,603,325	ep 04 \$17,705,537 oct 04 \$26,434,142 Total \$222.896,224
Column		Nov 03 Dec 03 Jan 04 Feb 04	Mar 04 Apr 04 May 04 Jun 04 Jul 04 Aug 04	Sep 04 Oct 04 Total

PBR-GAIF INDICES

PBR-GAIF INDICES TEXAS GAS – ZONE SL

LOUISVILLE GAS AND ELECTRIC CALCULATION OF SUPPLY AREA INDICES SAI (TGT-SL)

			AVERAGE
		INSIDE FERC	TGT -ZONE SL
	GAS DAILY	AVG. TGT	ZONE SL
NATURAL	GAS WEEK	GULF COAST	ONSHORE-LA

\$4.4070	\$5.5541	\$6.1174	\$5.5557	\$5.2565	\$5.5496	\$6.1284	\$6.4063	\$6.0198	\$5.6298	\$5.0017	\$5.9127
\$4.4200	\$4.8100	\$6.1200	\$5.7500	\$5.1300	\$5.3400	\$5.9100	\$6.6600	\$6.2500	\$6.0000	\$5.0800	\$5.6100
\$4.3986	\$6.0564	\$6.1347	\$5.3795	\$5.3396	\$5.6814	\$6.2813	\$6.2740	\$5.8793	\$5.4195	\$5.0350	\$6.2255
\$4.4025	\$5.7960	\$6.0975	\$5.5375	\$5.3000	\$5.6275	\$6.1940	\$6.2850	\$5.9300	\$5.4700	\$4.8900	\$5.9025
Nov. 03	Dec. 03	Jan. 04	Feb. 04	Mar. 04	Apr. 04	May 04	Jun. 04	Jul. 04	Aug. 04	Sep. 04	Oct. 04

CALCULATION OF AVERAGE NATURAL GAS WEEK PRICE BY MONTH FOR TEXAS GAS ZONE SL

MONTHLY AVERAGE	\$6.1940	\$6.2850	\$5.9300	\$5.4700	\$4.8900	\$5.9025
NATURAL GAS WEEK GULF COAST ONSHORE-LA	\$5.7400 \$6.0700 \$6.3000 \$6.3100 \$6.5500	\$6.3700 \$6.0500 \$6.4000 \$6.3200	\$5.9500 \$6.0400 \$5.8600 \$5.8700	\$5.9000 \$5.5700 \$5.4400 \$5.3100 \$5.1300	\$4.6400 \$4.5100 \$4.9900 \$5.4200	\$5.5700 \$5.7500 \$5.5600 \$6.7300
0 0	05/03/2004 05/10/2004 05/17/2004 05/24/2004 05/31/2004	06/07/2004 06/14/2004 06/21/2004 06/28/2004	07/05/2004 07/12/2004 07/19/2004 07/26/2004	08/02/2004 08/09/2004 08/16/2004 08/23/2004 08/30/2004	09/06/2004 09/13/2004 09/20/2004 09/27/2004	10/04/2004 10/11/2004 10/18/2004 10/25/2004
MONTHLY AVERAGE	\$4.4025	\$5.7960	\$6.0975	\$5.5375	\$5.3000	\$5.6275
NATURAL GAS WEEK GULF COAST M	\$4.3600 \$4.3400 \$4.5900 \$4.3200	\$4.5800 \$5.4900 \$6.4400 \$6.7200 \$5.7500	\$5.7400 \$6.6300 \$5.9600 \$6.0600	\$5.8900 \$5.5600 \$5.4400 \$5.2600	\$5.1100 \$5.2100 \$5.3600 \$5.5400 \$5.2800	\$5.5300 \$5.7300 \$5.7300 \$5.5200
	11/03/2003 11/10/2003 11/17/2003 11/24/2003	12/01/2003 12/08/2003 12/15/2003 12/22/2003 12/29/2003	01/05/2004 01/12/2004 01/19/2004 01/26/2004	02/02/2004 02/09/2004 02/16/2004 02/23/2004	03/01/2004 03/08/2004 03/15/2004 03/22/2004 03/29/2004	04/05/2004 04/12/2004 04/19/2004 04/26/2004

CALCULATION OF AVERAGE PRICES REPORTED IN GAS DAILY FOR TEXAS GAS ZONE SL

JANUARY 2004	TEXAS GAS ZONE SL DAY LOW HIGH AVERAGE	-	2	က	. *	£ 177000 £	\$ 5.6900 \$ 5.700 \$	\$ 6.3000 \$ 6.4000 \$	\$ 6.8900 \$ 7.0900 \$	\$ 6.4800 \$ 6.6300 \$	6.4200 \$ 6.4600	10		\$ 6.8100 \$ 6.9000 \$	\$ 6.1500 \$ 6.2200 \$	\$ 6.1400 \$ 6.2200 \$	\$ 5.8200 \$ 5.9500 \$	\$ 5.9300 \$ 6.2300	17	18		\$ 5.4100 \$ 5.5700 \$	\$ 6.1100 \$ 6.1700 \$	\$ 6.1600 \$ 6.2800 \$	\$ 6.0100 \$ 6.1000	24	,	\$ 5.7600 \$ 5.8500 \$	\$ 5.6700 \$ 5.7300 \$	\$ 5.8300 \$ 5.8800 \$	5.9800 \$ 6.1200 \$	\$ 5.9300 \$ 6.0600	31	TOTAL \$115.4900 \$117.6300 \$116.5600	POSTINGS 19 19 19	AVERAGE \$ 6.0784 \$ 6.1911 \$ 6.1347
DECEMBER 2003	TEXAS GAS ZONE SL DAY LOW HIGH AVERAGE	4.7700 \$ 4.8700 \$	4.9700 \$ 5.0700	\$ 5,4000 \$ 5,4800 \$	+ + + + + + + + + + + + + + + + + + +	\$ 5.4000 \$ 5.4400 \$	\$ 5.5700 \$ 5.7200	9	7	8 \$ 6.1500 \$ 6.2900 \$ 6.2200	\$ 5.9600 \$ 6.0200	10 \$ 6.3200 \$ 6.4300 \$ 6.3750	6.8000	6.5200 \$ 6.6100	13	14	15 \$ 6.7000 \$ 6.7700 \$ 6.7350	\$ 6.5600 \$ 6.6400	\$ 6.5600 \$ 6.6100	6.4900 \$ 6.6000 \$	6.9300 \$ 7.0800	20	21	22 \$ 6.7900 \$ 6.9200 \$ 6.8550	\$ 6.1500 \$ 6.3100 \$	5.5700 \$	25	26	27	28	\$ 5.3600 \$ 5.5500		\$ 5.8400 \$ 5.9000	TOTAL \$126.0000 \$128.3700 \$127.1850	POSTINGS 21 21 21	AVERAGE \$ 6.0000 \$ 6.1129 \$ 6.0564
NOVEMBER 2003	TEXAS GAS ZONE SL DAY LOW HIGH AVERAGE		0	3 8 3 7800 8 3 8400	\$ 0000 to \$ 0000 to	\$ 4.0200 \$ 4.0600 \$	\$ 3.8700 \$ 4.0500	6 \$ 4,4000 \$ 4,5600 \$ 4,4800	\$ 4,6700 \$ 4,8000) တ	\$ 4.4600	\$ 4.3700 \$ 4.4200	\$ 4.5100 \$ 4.5500	4.6600 \$ 4.7400	\$ 4.5600		5. 1	17 \$ 4,6000 \$ 4,6800 \$ 4,6400	\$ 4,4700 \$ 4,4700 \$	\$ 4,3300 \$ 4,3900	\$ 4.3900 \$	\$ 4.3200 \$ 4.3400		23	24 \$ 4.0800 \$ 4.2400 \$ 4.1600	4.5400	\$ 4.4300 \$ 4.5800		 28	79	(F)	3	TOTAL \$ 78,4000 \$ 79,9500 \$ 79,1750	POSTINGS 18 18 18	AVERAGE \$ 4.3556 \$ 4.4417 \$ 4.3986

CALCULATION OF AVERAGE PRICES REPORTED IN GAS DAILY FOR TEXAS GAS ZONE SL

APRIL 2004	TEXAS GAS ZONE SL DAY LOW HIGH AVERAGE	1 \$ 5.6200 \$ 5.6800 \$ 5.6500 2 \$ 5.8200 \$ 5.8400 \$ 5.8300 3	5 \$ 5.6700 \$ 5.7400 \$ 5.7050 6 \$ 5.8000 \$ 5.8300 \$ 5.8150 7 \$ 5.6700 \$ 5.7100 \$ 5.6900 8 \$ 5.7200 \$ 5.7600 \$ 5.7400	0 10 11	\$ 5.8000 \$ 5.8400 \$ 5.8200 \$ 5.8700 \$ 5.8600 \$ 5.8900	\$ 5.7000 \$ 5.7300 \$ \$ 5.6300 \$ 5.6700 \$		\$ 5.5200 \$ 5.4800 \$ 5.4800 \$	22 \$ 5.4800 \$ 5.5200 \$ 5.5000 23 \$ 5.5300 \$ 5.5800 \$ 5.5550 24 25	26 \$ 5.4900 \$ 5.5300 \$ 5.5100 27 \$ 5.5800 \$ 5.6000 \$ 5.5900 28 \$ 5.7800 \$ 5.8100 \$ 5.7950 29 \$ 5.7300 \$ 5.7800 \$ 5.7500 30 \$ 5.6600 \$ 5.7500 \$ 5.7050	TOTAL \$118.8700 \$119.7500 \$119.3100	\$ 5.6605 \$ 5.7024 \$ 5.68
MARCH 2004	TEXAS GAS ZONE SL DAY LOW HIGH AVERAGE	1 \$ 5.1900 \$ 5.2300 \$ 5.2100 2 \$ 5.0600 \$ 5.1600 \$ 5.1100 3 \$ 5.3300 \$ 5.3500 \$ 5.3400	\$ 5.1000 \$ 5.1400 \$ 5.2400 \$ 5.3200 \$	5.3800 \$ 5.3900 5.2900 \$ 5.3200 5.2800 \$ 5.3200	\$ 5.3000 \$ 5.3100 \$	\$ 5.4700 \$ 5.4900 \$ \$ 5.5500 \$ 5.5800 \$	\$ 5.5600 \$ 5.5900 \$ \$ 5.5600 \$ 5.6200 \$	\$ 5.5800 \$ 5.6200	22 \$ 5,4300 \$ 5,4500 \$ 5,4400 23 \$ 5,4300 \$ 5,4400 \$ 5,4350 24 \$ 5,3100 \$ 5,3300 \$ 5,3200 25 \$ 5,300 \$ 5,300 \$ 5,310	\$ 5.1700 \$ 5.1900 \$ \$ 5.2100 \$ 5.1100 \$ \$ 5.2100 \$ 5.2300 \$ \$ 5.3500 \$ 5.4000 \$	TOTAL \$122.4200 \$123.2000 \$122.8100	\$ 5.3226 \$ 5.3565 \$ 5.336
FEBRUARY 2004	TEXAS GAS ZONE SL DAY LOW HIGH AVERAGE	\$ 5.6800 \$ 5.7900 \$ 5.4600 \$ 5.5000	A 64 64	\$ 5.3400 \$ 5.4800 \$ 5.4300 \$ 5.5000	\$ 5.3000 \$ 5.3800 \$	15 16	\$ 5.5900 \$ 5.6500 \$ \$ 5.3600 \$ 5.4300 \$	5.2900 \$ 5.3400 5.1900 \$ 5.2700	\$ 5.1400 \$ 5.0700	\$ 5.0900 \$ 5.1200 \$ 5.0900 \$	TOTAL \$ 101.6400 \$ 102.7800 \$ 102.2100	\$ 5.4095 \$ 5.379

CALCULATION OF AVERAGE PRICES REPORTED IN GAS DAILY FOR TEXAS GAS ZONE SL

JULY 2004	TEXAS GAS ZONE SL DAY LOW HIGH AVERAGE	\$ 5.8800 \$ 5.9700 \$	\$ 5.8200 \$ 5.8500	ю	4	,	\$ 5.8000 \$	\$ 6.0900 \$ 6.1600 \$	6.2300 \$ 6.2600 \$	\$ 6.0800 \$ 6.2000	10		\$ 5.8300 \$ 5.8900 \$	\$ 5.8800 \$ 5.9700 \$	\$ 5.7800 \$ 5.8500 \$	\$ 5.8700 \$ 5.8900 \$	5.8300 \$ 5.9000			\$ 5.6800 \$ 5.7300 \$	\$ 5.6900 \$ 5.7200 \$	\$ 5.7400 \$ 5.7700 \$	\$ 5.8500 \$ 5.8900 \$	\$ 5.7800	24		\$ 5.9400 \$ 5.9700 \$	\$ 5.8600 \$ 5.9000 \$	\$ 5.7700 \$ 5.8600 \$	\$ 5.6900 \$ 5.7500 \$ 5	5.8700 \$ 5.8900	TOTAL \$122.8900 \$124.0400 \$123.4650	POSTINGS 21 21 21	AVERAGE \$ 5.8519 \$ 5.9067 \$ 5.8793
JUNE 2004	TEXAS GAS ZONE SL DAY LOW HIGH AVERAGE	\$ 6.4000 \$ 6.4400 \$	\$ 6.3900 \$ 6.4800 \$	\$ 6.4800 \$ 6.5200 \$	6.4000 \$ 6.4200	co.		\$ 6.1000 \$ 6.1400 \$	\$ 6.0700 \$ 6.1100 \$	\$ 6.2100 \$	\$ 6.0200 \$ 6.0400	11	12		\$ 5.9700 \$ 6.0500 \$	6.1000 \$ 6.1900 \$	\$ 6.3500 \$ 6.3800 \$	\$ 6.3700 \$ 6.3900 \$ 6	\$ 6.5400 \$ 6.6000	19			\$ 6.3800 \$ 6.4100 \$	\$ 6.2600 \$ 6.2800 \$	\$ 6.2600 \$ 6.3000 \$ 6	\$ 6.3500 \$ 6.3900	26		\$ 6.2300 \$ 6.2700 \$	29 \$ 6.0500 \$ 6.1000 \$ 6.0750	\$ 5.9800 \$ 6.0000	TOTAL \$131.3200 \$132.1900 \$131.7550	POSTINGS 21 21 21	AVERAGE \$ 6.2533 \$ 6.2948 \$ 6.2740
MAY 2004	TEXAS GAS ZONE SL DAY LOW HIGH AVERAGE	_	2	5.7700 \$ 5.8200	\$ 5.7700	\$ 6.1900 \$ 6.2100	6.0600 \$ 6.0900	\$ 6.1800 \$ 6.2300		0	\$ 6.1500 \$ 6.1900	\$ 6.1100 \$	\$ 6.2200 \$ 6.2400	6.3700 \$ 6.4100	\$ 6.3800 \$ 6.4100	15	16	\$ 6.3600 \$ 6.4200 \$	\$ 6.3300 \$ 6.4100	6.2400 \$ 6.2700	\$ 6.1600 \$ 6.1900 \$	6.4100 \$ 6.4500 \$		23	\$ 6.3200 \$ 6.3400	6.4000 \$ 6.4900	\$ 6.6500 \$ 6.7300	\$ 6.6300 \$ 6.6700 \$	\$ 6.4700 \$ 6.5200	59	30 31	TOTAL \$ 125.1700 \$ 126.0800 \$ 125.6250	POSTINGS 20 20 20	AVERAGE \$ 6.2585 \$ 6.3040 \$ 6.2813

CALCULATION OF AVERAGE PRICES REPORTED IN GAS DAILY FOR TEXAS GAS ZONE SL

OCTOBER 2004	TEXAS GAS ZONE SL DAY LOW HIGH AVERAGE	1 \$ 5.6800 \$ 6.0600 \$ 5.8700		\$ 5.0000 \$ 5.2800 \$	0.000.0	\$ 5.8600 \$ 5.9200 \$	\$ 5.8800 \$ 6.1200	o		\$ 5.0300 \$ 5.2600 \$	\$ 5.4100 \$ 5.5000 \$	\$ 5.2300 \$ 5.3200 \$	\$ 5,3000 \$ 5,4100 \$	5.6900 \$ 5.7600	16	1	\$ 5.5600 \$ 5.6300 \$	\$ 5.7800 \$ 5.9900 \$	\$ 6.1700 \$ 6.3400 \$	\$ 7,1600 \$ 7,2700 \$	\$ 7,1400 \$ 7,2600	23		\$ 7.0200 \$ 7.1500 \$	\$ 7.7000 \$ 7.7500 \$	\$ 7.7100 \$ 7.7500 \$	\$ 7.9000 \$ 8.0400 \$	\$ 6.4100 \$ 6.6400	30	31	TOTAL \$129.2500 \$132.2200 \$130.7350	POSTINGS 21 21 21	AVERAGE \$ 6.1548 \$ 6.2962 \$ 6.2255
SEPTEMBER 2004	TEXAS GAS ZONE SL DAY LOW HIGH AVERAGE	\$ 4.9500 \$ 5.0200 \$ \$ 4.9600 \$ 5.0000 \$	\$ 4.6400 \$ 4.7700	4	യ വ	7 \$ 4.1800 \$ 4.3400 \$ 4.2600	\$ 4.3500 \$ 4.4200 \$	\$ 4.6500 \$ 4.7000 \$	\$ 4.5400 \$ 4.5900	11		4.5400 \$ 4.5700 \$	\$ 5.0100 \$ 5.1000 \$	\$ 5.0600 \$ 5.0900 \$	\$ 5.1100 \$	\$ 4.7100 \$ 4.8000	18		\$ 4.8400 \$ 4.9100 \$	\$ 5.1300 \$ 5.2000 \$	\$ 5.3800 \$ 5.4200 \$	5.5200 \$ 5.5500 \$ 5.	\$ 5.5000 \$ 5.5600	25		\$ 5.3600 \$ 5.4200 \$	\$ 5.1500 \$ 5.2200 \$	\$ 5.3300 \$ 5.4000 \$	6.1200 \$ 6.3300		TOTAL \$104.9500 \$106.5200 \$105.7350	POSTINGS 21 21 21	AVERAGE \$ 4.9976 \$ 5.0724 \$ 5.0350
AUGUST 2004	TEXAS GAS ZONE SL DAY LOW HIGH AVERAGE	5.9500 \$ 6.0000 \$	\$ 5.8100 \$ 5.8600 \$	\$ 5.7200 \$ 5.7900 \$	5 \$ 5.6600 \$ 5.6900 \$ 5.6750	4 0.4500 ¢ 0.3200 ¢	~ 00	\$ 5.3400 \$ 5.4000	5.5400 \$ 5.6100 \$	49	5.5800 \$ 5.6500 \$	\$ 5.3900 \$ 5.4700	14	15	\$ 5.1900 \$ 5.2700 \$	5.3000 \$ 5.3500 \$	↔	5.3300 \$ 5.3600 \$	5.2600 \$ 5.3400		22	\$ 5.3300 \$ 5.3900 \$	\$ 5.2700 \$ 5.3300 \$	\$ 5.2300 \$	\$ 5.2800 \$ 5.3400 \$	\$ 5.1300 \$ 5.2000	28	29	\$ 4.9400 \$ 5.0000 \$	\$ 4.9600 \$ 5.0500	TOTAL \$ 118.5600 \$ 119.9000 \$ 119.2300	POSTINGS 22 22 22	AVERAGE \$ 5.3891 \$ 5.4500 \$ 5.4195

PBR-GAIF INDICES TEXAS GAS – ZONE 1

LOUISVILLE GAS AND ELECTRIC CALCULATION OF SUPPLY AREA INDICES SAI (TGT-Z1)

			AVERAGE
		INSIDE FERC	TGT -ZONE 1
	GAS DAILY	AVG. TGT	ZONE 1
NATURAL	GAS WEEK	LOUISIANA	NORTH

\$4.4135 \$5.5549	\$6.0899 \$5.5422	\$5.2524	\$5.5506 \$6.1141	\$6.3867	\$5.9658	\$5.6416	\$4.9702	\$5.8823
\$4.4200 \$4.8300	\$6.1300 \$5.7400	\$5.1200	\$5.3600 \$5.9000	\$6.6200	\$6.1100	\$6.0100	\$5.0300	\$5.6000
\$4.3981 \$6.0286	\$6.0797 \$5.3492	\$5.3252	\$5.6567 \$6.2643	\$6.2626	\$5.8798	\$5.4248	\$5.0257	\$6.1919
\$4.4225 \$5.8060	\$6.0600 \$5.5375	\$5.3120	\$5.6350 \$6.1780	\$6.2775	\$5.9075	\$5.4900	\$4.8550	\$5.8550
Nov. 03 Dec. 03	Jan. 04 Feb. 04	Mar. 04	Apr. 04 May 04	Jun. 04	Jul. 04	Aug. 04	Sep. 04	Oct. 04

CALCULATION OF AVERAGE NATURAL GAS WEEK PRICE BY MONTH FOR TEXAS GAS ZONE 1

MONTHLY AVERAGE	\$6.1780	\$6.2775	\$5.9075	\$5.4900	\$4.8550	\$5.8550
NATURAL GAS WEEK LOUISIANA NORTH	\$5.7200 \$6.0900 \$6.2600 \$6.2900 \$6.5300	\$6.3800 \$6.0400 \$6.3900 \$6.3000	\$5.8800 \$6.0000 \$5.8900 \$5.8600	\$5.9000 \$5.6800 \$5.4400 \$5.3100 \$5.1200	\$4.6400 \$4.4700 \$4.9200 \$5.3900	\$5.6000 \$5.5400 \$5.4500 \$6.8300
	05/03/2004 05/10/2004 05/17/2004 05/24/2004 05/31/2004	06/07/2004 06/14/2004 06/21/2004 06/28/2004	07/05/2004 07/12/2004 07/19/2004 07/26/2004	08/02/2004 08/09/2004 08/16/2004 08/23/2004 08/30/2004	09/06/2004 09/13/2004 09/20/2004 09/27/2004	10/04/2004 10/11/2004 10/18/2004 10/25/2004
MONTHLY AVERAGE	\$4.4225	\$5.8060	\$6.0600	\$5.5375	\$5.3120	\$5.6350
NATURAL GAS WEEK LOUISIANA NORTH	\$4.3500 \$4.4100 \$4.6000 \$4.3300	\$4.6600 \$5.4500 \$6.4500 \$6.7300 \$5.7400	\$5.6500 \$6.6900 \$5.8500 \$6.0500	\$5.8600 \$5.5700 \$5.4400 \$5.2800	\$5.1300 \$5.2300 \$5.3700 \$5.5400 \$5.2900	\$5.4900 \$5.7700 \$5.7600 \$5.5200
	11/03/2003 11/10/2003 11/17/2003 11/24/2003	12/01/2003 12/08/2003 12/15/2003 12/22/2003 12/29/2003	01/05/2004 01/12/2004 01/19/2004 01/26/2004	02/02/2004 02/09/2004 02/16/2004 02/23/2004	03/01/2004 03/08/2004 03/15/2004 03/22/2004 03/29/2004	04/05/2004 04/12/2004 04/19/2004 04/26/2004

CALCULATION OF AVERAGE PRICES REPORTED IN GAS DAILY FOR TEXAS GAS ZONE 1

JANUARY 2004	TEXAS GAS ZONE 1 DAY LOW HIGH AVERAGE	- 2 8 .	5.6200 \$ 5.7700 6.3100 \$ 6.3300	\$ 6.4000 \$ 6.5500 \$ \$ 6.4000 \$ 6.4600 \$	\$ 6.7400 \$ 6.8800	\$ 6.0500 \$ 6.0900 \$ \$ 5.7200 \$ 5.8300 \$ \$ 5.7700 \$ 6.0200 \$	18 19	\$ 5.3500 \$ 5.4600 \$ 6.0800 \$ 6.1700	5.9400 % 6.0800 %	26 \$ 5.7300 \$ 5.8000 \$ 5.7200 \$ 2.78300 \$ 27.8300 \$ 5.8700 \$ 5.8900 \$ 6.0200 \$ 6.0800 \$ 6.0500 \$ 30 \$ 5.9900 \$ 5.9900 \$ 5.9450	TOTAL \$114.5800 \$116.4500 \$115.5150	\$ 6.1289 \$ 6.079
DECEMBER 2003	TEXAS GAS ZONE 1 DAY LOW HIGH AVERAGE	\$ 4.8300 \$ 5.0400 \$	\$ 5.3800 \$ 5.4100 \$ 5.5900 \$ 5.6300	\$ 6.1500 \$ 6.2600 \$ 5.9600 \$ 5.9900	\$ 6.6300 \$ 6.6000 \$ \$ 6.5300 \$ 6.6000 \$	6.7000 \$ 6.7300 6.5600 \$ 6.6100	17 \$ 6.5700 \$ 6.6000 \$ 6.5850 18 \$ 6.5500 \$ 6.6300 \$ 6.5900 19 \$ 7,0000 \$ 7,050		22 \$ 6.6900 \$ 6.8300 \$ 6.7600 23 \$ 6.1500 \$ 6.2600 \$ 6.2050 24 \$ 5.3200 \$ 5.4300 \$ 5.3750 25	26 27 28 29 \$ 5.4000 \$ 5.4900 \$ 5.4450 30 \$ 5.3800 \$ 5.4200 \$ 5.4000 31 \$ 5.8600 \$ 5.9000 \$ 5.8800	\$125.9200 \$127.2800 \$126.600	POSTINGS 21 21 21 21 21 21 AVERAGE \$ 5.9962 \$ 6.0610 \$ 6.0286
NOVEMBER 2003	TEXAS GAS ZONE 1 DAY LOW HIGH AVERAGE	\$ 3.8000 \$ 3.9100 \$	\$ 4.0200 \$ 4.0500 \$ \$ 3.9100 \$ 4.0200 \$ \$ 4.3900 \$ 4.4500 \$	\$ 4.6600 \$ 4.7300 \$	\$ 4.4500 \$ 4.4600 \$ \$ 4.3900 \$ 4.4100 \$ \$ 4.5400 \$ 4.5500 \$	4.7400 4.6100	\$ 4.6300 \$ 4.7200 \$ 4.3800 \$ 4.4000	\$ 4.4100 \$ 4.4400 \$ 4.3200 \$	\$ 4.1500 \$ 4.2400 \$ \$ 4.5400 \$ 4.5700 \$	4.5100 \$ 4.5400	\$ 78.7600 \$ 79.5700 \$ 79.165	POSTINGS 18 18 18 18 18 AVERAGE \$ 4.3756 \$ 4.4206 \$ 4.3981

CALCULATION OF AVERAGE PRICES REPORTED IN GAS DAILY FOR TEXAS GAS ZONE 1

APRIL 2004	TEXAS GAS ZONE 1 DAY LOW HIGH AVERAGE	1 \$ 5.6000 \$ 5.6400 \$ 5.6200 2 \$ 5.7800 \$ 5.8000 \$ 5.7900 3	5 \$ 5.6400 \$ 5.6800 \$ 5.6600 6 \$ 5.7800 \$ 5.8100 \$ 5.7950 7 \$ 5.6600 \$ 5.6700 \$ 5.6650 8 \$ 5.7100 \$ 5.7400 \$ 5.7250		\$ 5.7600 \$ 5.8000 \$ \$ 5.8100 \$ 5.8300 \$ \$ 5.8700 \$ 5.9000 \$	5.7100 5.6500		\$ 5,4400 \$ 5,4500 \$ 5,4700 \$ 5,5300 \$ 5,5400 \$	25 26 \$ 5.4700 \$ 5.5000 \$ 5.4850 27 \$ 5.5600 \$ 5.5900 \$ 5.5750 28 \$ 5.7600 \$ 5.7900 \$ 5.7750 29 \$ 5.6800 \$ 5.7100 \$ 5.6950 30 \$ 5.6500 \$ 5.7100 \$ 5.6950	TOTAL \$118.5000 \$119.0800 \$118.7900 POSTINGS 21 21	AVERAGE \$ 5.6429 \$ 5.6705 \$ 5.6567
MARCH 2004	TEXAS GAS ZONE 1 DAY LOW HIGH AVERAGE	\$ 5.1600 \$ 5.0900 \$ 5.2900	5.0900 \$ 5.1100 \$ 5.2000 \$	\$ 5.3300 \$ 5.3800 \$ \$ 5.2700 \$ 5.3000 \$ \$ 5.2800 \$ 5.2900 \$	\$ 5.2900 \$ 5.3200 \$	5.4400 \$ 5.5100 5.5300 \$ 5.5900	\$ 5.5700 \$ 5.6000 \$ \$ 5.5800 \$ 5.6000 \$	\$ 5.4100 \$ 5.4400 \$ 5.4200 \$ 5.4400 \$ 5.2800 \$ 5.3200	25 \$ 5.2900 \$ 5.3200 \$ 5.3050 26 \$ 5.1800 \$ 5.1900 \$ 5.1850 27 28 29 \$ 5.0900 \$ 5.1200 \$ 5.1800 30 \$ 5.1700 \$ 5.1900 \$ 5.1800 31 \$ 5.3000 \$ 5.3900 \$ 5.3450	TOTAL \$122.0500 \$122.9100 \$122.4800 POSTINGS 23 23 23	AVERAGE \$ 5.3065 \$ 5.3439 \$ 5.3252
FEBRUARY 2004	TEXAS GAS ZONE 1 DAY LOW HIGH AVERAGE	\$ 5.6500 \$ 5.7400 \$ \$ 5.4300 \$ 5.4700 \$	4 \$ 5.6300 \$ 5.6800 \$ 5.6500 5 \$ 5.7000 \$ 5.7400 \$ 5.7200 6 \$ 5.4900 \$ 5.5300 \$ 5.5100 7	\$ 5.3300 \$ 5.4800 \$ 5.4200 \$ 5.4900 \$ 5.4100 \$ 5.4800	12 \$ 5.2400 \$ 5.3100 \$ 5.2750 13 \$ 5.2800 \$ 5.3000 \$ 5.2900 14	6	\$ 5.5600 \$ 5.6300 \$ \$ 5.3000 \$ 5.3900 \$ \$ 5.2200 \$ 5.2500 \$	\$ 5.1700 \$ 5.2100 \$ 5.1200 \$ 5.1500	\$ 5.0400 \$ 5.0800 \$ 5.1100 \$ 5.1100	TOTAL \$ 101.1100 \$ 102.1600 \$ 101.6350 POSTINGS 19 19 19	AVERAGE \$ 5.3216 \$ 5.3768 \$ 5.3492

CALCULATION OF AVERAGE PRICES REPORTED IN GAS DAILY FOR TEXAS GAS ZONE 1

JULY 2004	TEXAS GAS ZONE 1 DAY LOW HIGH AVERAGE	1 \$ 5.8500 \$ 5.9300 \$ 5.8900 2 \$ 5.7500 \$ 5.8200 \$ 5.7850	ю	4 ı	6 CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	\$ 5.7300 \$ 5.8200	\$ 6.1100 \$ 6.1500 \$	\$ 6.2200 \$ 6.2500 \$	· · · · · · · · · · · · · · · · · · ·		12 \$ 5.8600 \$ 5.9000 \$ 5.8800	\$ 5.9000 \$ 5.9600 \$	\$ 5.8300 \$ 5.8800 \$	\$ 2.8800 \$	\$ 5.8700 \$ 5.9100	17	•	\$ 5.7100 \$ 5.7200 \$	\$ 5.6900 \$ 5.7400 \$	\$ 5.7800 \$ 5.8300 \$	\$ 5.8600 \$ 5.8800 \$	\$ 5.7800 \$ 5.8000	24		\$ 2.9500 \$ 5.9700 \$	\$ 5.8500 \$ 5.9100 \$	\$ 5.8100 \$ 5.8400 \$	\$ 5.7000 \$ 5.7300	5.8800 \$ 5.8900 \$	TOTAL \$123.0200 \$123.9300 \$123.4750	POSTINGS 21 21 21	AVERAGE \$ 5.8581 \$ 5.9014 \$ 5.8798
JUNE 2004	TEXAS GAS ZONE 1 DAY LOW HIGH AVERAGE	1 \$ 6.4000 \$ 6.4400 \$ 6.4200 2 \$ 6.4000 \$ 6.4400 \$ 6.4200	\$ 6.4700 \$ 6.5100 \$	6.3800 \$ 6.4100	വ		\$ 6.1000 \$ 6.1300 \$	8 \$ 6.0400 \$ 6.1000 \$ 6.0700	9 0.1500 # 0.2000 #	→ DO		i £1	14 \$ 5.9400 \$ 5.9800 \$ 5.9600	6.1100 \$ 6.1600	\$ 6.3700 \$ 6.3900 \$	\$ 6.3600 \$ 6.4000 \$ 6	\$ 6.5200 \$ 6.6000	19		\$ 6.4400 \$ 6.4500 \$	\$ 6.3800 \$ 6.4000 \$	\$ 6.2700 \$	\$ 6.2500 \$ 6.2700 \$ 6	\$ 6.3300	26		\$ 6.2000 \$ 6.2300 \$	\$ 6.0200 \$ 6.0900 \$	5.9800 \$ 6.0100	TOTAL \$131.1500 \$131.8800 \$131.5150	POSTINGS 21 21 21	AVERAGE \$ 6.2452 \$ 6.2800 \$ 6.2626
MAY 2004	TEXAS GAS ZONE 1 DAY LOW HIGH AVERAGE	+ 0	3 \$ 5.7200 \$ 5.7700 \$ 5.7450	\$ 5.7700 \$ 5.8000 \$	6.1600 \$ 6.1800 \$	\$ 6.0400 \$ 6.0600 \$	\$ 6.1800 \$ 6.2100	ω (6 000	6.1400 \$ 6.1600	& 6,1000 & 6,1300 &	\$ 6.3700 \$ 6.3800 \$	\$ 6.3700 \$ 6.4000 \$		16	\$ 6.3400 \$ 6.3700	18 \$ 6.3400 \$ 6.3700 \$ 6.3550	6.2300 \$ 6.2600	\$ 6.1500 \$ 6.1800 \$	6.4200 \$ 6.4400	22		\$ 6.3000 \$ 6.3300 \$	6.4000 \$ 6.4600 \$	\$ 6.6400 \$ 6.6900	\$ 6.6200 \$ 6.6700 \$	\$ 6.4700 \$ 6.5200	. 58	30 31	TOTAL \$ 124.9500 \$ 125.6200 \$ 125.2850	POSTINGS 20 20 20	AVERAGE \$ 6.2475 \$ 6.2810 \$ 6.2643

CALCULATION OF AVERAGE PRICES REPORTED IN GAS DAILY FOR TEXAS GAS ZONE 1

OCTOBER 2004	TEXAS GAS ZONE 1 DAY LOW HIGH AVERAGE	1 \$ 5.6300 \$ 5.7300 \$ 5.6800 2 3	\$ 5.2200 \$ 5.3600 \$	5.6100 \$ 5.6900 \$	\$ 6.0600 \$	\$ 5.8500 \$ 5.9200 \$	\$ 5.6600 \$ 5.8200	o n '		\$ 5.0000 \$ 5.1200 \$	\$ 5.3900 \$ 5.4400 \$	\$ 5.2500 \$ 5.3000 \$	\$ 5.3100 \$ 5.3600 \$	\$ 5.6500 \$ 5.7400	16		\$ 5.4900 \$ 5.5600 \$	\$ 5.6700 \$ 5.8900 \$	\$ 6.2500 \$ 6.4000 \$	\$ 7.1800 \$ 7.1800 \$	\$ 7,1700	23		\$ 7.0400 \$ 7.0700 \$	\$ 7.7100 \$ 7.7200 \$	\$ 7.6700 \$ 7.6900 \$	\$ 0.000.8 \$ 0.000.4	\$ 6.4200 \$ 6.5800	30	31	TOTAL \$129.1600 \$130.9000 \$130.0300	POSTINGS 21 21 21	AVERAGE \$ 6.1505 \$ 6.2333 \$ 6.1919
SEPTEMBER 2004	TEXAS GAS ZONE 1 DAY LOW HIGH AVERAGE	1 \$ 4.9900 \$ 5.0400 \$ 5.0150 2 \$ 4.9600 \$ 5.0000 \$ 4.9800 3 \$ 4.6600 \$ 4.7400 \$ 4.7000	· · · · · · · · · · · · · · · · · · ·	c	9	7 \$ 4.2000 \$ 4.2400 \$ 4.2200	\$ 4.3600 \$ 4.4100 \$	\$ 4.6600 \$ 4.6900 \$	\$ 4.5300 \$ 4.5600	-		4.5400 \$ 4.5600 \$	5.0400 \$ 5.0700 \$	5.0700 \$ 5.1000 \$	\$ 5.0200 \$ 5.0700 \$	4.7300 \$ 4.7400	18	19	\$ 4.8400 \$ 4.8700 \$	5.1300 \$ 5.1900	\$ 5.3700 \$ 5.4000 \$	5.5200 \$ 5.5700 \$ 5	\$ 5.5200 \$ 5.5500	25		\$ 5.3400 \$ 5.4000 \$	5.1500 \$ 5.1900 \$	\$ 5.3400 \$	\$ 6.0900 \$ 6.2500		TOTAL \$ 105.0600 \$ 106.0200 \$ 105.5400	POSTINGS 21 21 21	AVERAGE \$ 5.0029 \$ 5.0486 \$ 5.0257
AUGUST 2004	TEXAS GAS ZONE 1 DAY LOW HIGH AVERAGE	5.9700	\$ 5.7300 \$ 5.7700 \$	\$ 5.6700 \$ 5.7200 \$	5.5000 \$ 5.5200 \$			\$ 5.3900 \$ 5.4000 \$	5.5400 \$ 5.5700 \$	\$ 5.8100 \$	5.6600 \$ 5.6700 \$	\$ 5.3900 \$ 5.4400		15	16 \$ 5.2400 \$ 5.3000 \$ 5.2700	\$ 5.3100 \$ 5.3400	↔	5.3200 \$ 5.3300	\$ 5.2900 \$ 5.3200		22	\$ 5.3000 \$ 5.3400 \$	\$ 5.2900 \$ 5.3200 \$	\$ 5.2200 \$	\$ 5.2700 \$ 5.2900	5.1800	28	29		5.0400	TOTAL \$ 118.9700 \$ 119.7200 \$ 119.3450	POSTINGS 22 22 22	AVERAGE \$ 5.4077 \$ 5.4418 \$ 5.4248

PBR-GAIF INDICES TENNESSEE – ZONE 0

LOUISVILLE GAS AND ELECRIC COMPANY CALCULATION OF SUPPLY AREA INDICES SAI (TGPL-Z0)

	AVERAGE	\$4.3056	\$5.3537	\$5.7389	\$5.2182	\$5.0846	\$5.4182	\$6.0151	\$6.2828	\$5.8682	\$5.5384	\$4.8674	\$5.7556	
ה ה ה	TGPL-ZONE 0	\$4.2800	\$4.6800	\$5.8300	\$5.3200	\$4.8400	\$5.1900	\$5.7900	\$6.5300	\$6.0200	\$5.9000	\$4.9300	\$5.5200	
GAS DAILY AVG TGPL	S. CORPUS CHRISTI	\$4.3169	\$5.8112	\$5.7018	\$5.1071	\$5.2339	\$5.5521	\$6.1653	\$6.1560	\$5.7745	\$5.3293	\$4.9171	\$6.0819	
NATURAL GAS WEEK	GULF COAST ONSHORE - TX	\$4.3200	\$5.5700	\$5.6850	\$5.2275	\$5.1800	\$5.5125	\$6.0900	\$6.1625	\$5.8100	\$5.3860	\$4.7550	\$5.6650	
		Nov. 03	Dec. 03	Jan. 04	Feb. 04	Mar. 04	Apr. 04	May 04	Jun. 04	Jul. 04	Aug. 04	Sep. 04	Oct. 04	

CALCULATION OF AVERAGE NATURAL GAS WEEK PRICE BY MONTH FOR GULF COAST ONSHORE - TEXAS

MONTHLY AVERAGE	\$6.0900	\$6.1625	\$5.8100	\$5.3860	\$4.7550	\$5.6650
NATURAL GAS WEEK GULF COAST ONSHORE - TX	\$5.6400 \$5.9700 \$6.2000 \$6.2100 \$6.4300	\$6.2700 \$5.9200 \$6.2700 \$6.1900	\$5.8000 \$5.9200 \$5.7400 \$5.7800	\$5.8000 \$5.5100 \$5.3500 \$5.2400 \$5.0300	\$4.5600 \$4.4300 \$4.7600 \$5.2700	\$5.3100 \$5.1900 \$5.3700 \$6.7900
0	05/03/2004 05/10/2004 05/17/2004 05/24/2004 05/31/2004	06/07/2004 06/14/2004 06/21/2004 06/28/2004	07/05/2004 07/12/2004 07/19/2004 07/26/2004	08/02/2004 08/09/2004 08/16/2004 08/23/2004 08/30/2004	09/06/2004 09/13/2004 09/20/2004 09/27/2004	10/04/2004 10/11/2004 10/18/2004 10/25/2004
MONTHLY AVERAGE	\$4.3200	\$5.5700	\$5.6850	\$5.2275	\$5.1800	\$5.5125
NATURAL GAS WEEK GULF COAST ONSHORE - TX	\$4.2800 \$4.2700 \$4.4800 \$4.2500	\$4.4800 \$5.2600 \$6.2000 \$6.4300 \$5.4800	\$5.5100 \$6.2900 \$5.3600 \$5.5800	\$5.4300 \$5.2800 \$5.1900 \$5.0100	\$4.9000 \$5.1200 \$5.2500 \$5.4600 \$5.1700	\$5.4200 \$5.6000 \$5.6100 \$5.4200
	11/03/2003 11/10/2003 11/17/2003 11/24/2003	12/01/2003 12/08/2003 12/15/2003 12/22/2003 12/29/2003	01/05/2004 01/12/2004 01/19/2004 01/26/2004	02/02/2004 02/09/2004 02/16/2004 02/23/2004	03/01/2004 03/08/2004 03/15/2004 03/22/2004 03/29/2004	04/05/2004 04/12/2004 04/19/2004 04/26/2004

CALCULATION OF AVERAGE PRICES REPORTED IN GAS DAILY FOR TGPL - SOUTH CORPUS CHRISTI

JANUARY 2004	TGPL - S. CORPUS CHRISTI DAY LOW HIGH AVERAGE	1 2 3 3 4 4 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4	\$ 5.2500 \$ 5.4400 \$ \$ 6.0400 \$ 6.1600 \$	7 \$ 6.7300 \$ 6.9800 \$ 6.8550 8 \$ 6.2600 \$ 6.3500 \$ 6.3050 9 \$ 6.0500 \$ 6.1600 \$ 6.1050	63400 \$ 64600	\$ 5.4000 \$ 5.7200 \$	\$ 5.3500 \$ 5.6100	17 18 19 19 19 19 19 19 19 19 19 19 19 19 19	\$ 5.0000 \$ 5.2300 \$ \$ 5.7600 \$ 5.8400 \$	5.3700	\$ 5.2800 \$ 5.4200 \$ 5.4800 \$ 5.5800 \$	5.2500	TOTAL \$106.8000 \$109.8700 \$108.3350	POSTINGS 19 19 19	AVERAGE \$ 5.6211 \$ 5.7826 \$ 5.7018
DECEMBER 2003	TGPL - S. CORPUS CHRISTI DAY LOW HIGH AVERAGE	\$ 4.6100 \$ 4.7600 \$ 4.8000 \$ 4.9400 \$ 5.1600 \$ 5.3100	5.3400 \$ 5.5600 \$		10 \$ 6.0800 \$ 6.2100 \$ 6.1450 11 \$ 6.3100 \$ 6.5700 \$ 6.4400	6.2400 \$ 6.4400 \$	\$ 6.4300 \$ 6.5300 \$ \$ 6.3600 \$ 6.4500 \$	6.3100 6.2600 6.6000	÷	22 \$ 6.4400 \$ 6.5600 \$ 6.5000 23 \$ 5.9200 \$ 6.0400 \$ 5.9800 24 \$ 5.1400 \$ 5.2600 \$ 5.2000 25		29 \$ 5.0600 \$ 5.2900 \$ 5.1750 30 \$ 5.1900 \$ 5.3100 \$ 5.2500 31 \$ 5.5900 \$ 5.6600 \$ 5.6250	TOTAL \$120.5900 \$123.4800 \$122.0350	POSTINGS 21 21 21	AVERAGE \$ 5.7424 \$ 5.8800 \$ 5.8112
NOVEMBER 2003	TGPL - S. CORPUS CHRISTI DAY LOW HIGH AVERAGE	\$ 3.7000 \$ 3.8500	\$ 3.8700 \$ 4.0700 \$ 4.3700 \$ 4	4.5200 \$ 4.7300	\$ 4.3600 \$ 4.4100 \$ \$ 4.2800 \$ \$ 4.3300 \$	\$ 4.4100 \$ \$ 4.6300 \$	4.4300 \$ 4.5200 \$	\$ 4.4400 \$ 4.5400 \$ 4.3400 \$ 4.3900	4.2800 \$ 4.3600 \$ 4.1900 \$ 4.2500 \$	\$ 4.0300	\$ 4.3600 \$ 4.4600 \$	29 30	TOTAL \$ 76.8000 \$ 78.6100 \$ 77.7050	POSTINGS 18 18 18	AVERAGE \$ 4.2667 \$ 4.3672 \$ 4.3169

CALCULATION OF AVERAGE PRICES REPORTED IN GAS DAILY FOR TGPL - SOUTH CORPUS CHRISTI

APRIL 2004	TGPL - S. CORPUS CHRISTI DAY LOW HIGH AVERAGE	1 \$ 5.4500 \$ 5.5300 \$ 5.4900 2 \$ 5.6400 \$ 5.7000 \$ 5.6700	₩ 4	\$ 5.4800 \$ 5.5500 \$	\$ 5.7000 \$	\$ 5.5100 \$ 5.5500 \$	5.5600 \$ 5.6100	10		\$ 5.6300 \$ 5.6800 \$	\$ 5.6700 \$ 5.7200 \$	\$ 5.7300 \$ 5.7900 \$	\$ 5.5900 \$ 5.6200 \$	5.5100 \$ 5.5800	17		\$ 5.4300 \$ 5.5000 \$	\$ 5.4000 \$ 5.4600 \$	\$ 5.3600 \$ 5.3900 \$	\$ 5.3600 \$ 5.4200 \$	\$ 5.4300	24		\$ 5.350U \$ 5.40UU \$	27 \$ 5.4700 \$ 5.5200 \$ 5.4950 28 \$ 5.5700 \$ 5.7100 \$ 5.6900	* COCA * COCA *	\$ 0000 \$ 0000 \$	5.5400 \$ 5.5800	TOTAL \$116.0300 \$117.1600 \$116.5950	POSTINGS 21 21 21	AVERAGE \$ 5.5252 \$ 5.5790 \$ 5.5521
MARCH 2004	TGPL - S. CORPUS CHRISTI DAY LOW HIGH AVERAGE	1 \$ 5.0000 \$ 5.0700 \$ 5.0350 2 \$ 4.9500 \$ 5.0500 \$ 5.0000	3 \$ 5.2200 \$ 5.2500 \$ 5.2350	\$ 4.9700 \$ 5.0000 \$	9		8 \$ 5.1000 \$ 5.1900 \$ 5.1450	\$ 5.1700 \$ 5.2500 \$	\$ 5.1900 \$ 5.2300 \$	\$ 5.2000 \$ 5.2400	13	14	₩	\$ 5.4300 \$ 5.4700 \$	\$ 5.4400 \$ 5.4800 \$	\$ 5.4200 \$ 5.5200 \$	\$ 5.4800 \$ 5.5000	20		\$ 5.3000 \$ 5.3700 \$	\$ 5.3400 \$	\$ 5.2100 \$ 5.2700 \$	\$ 5.2200 \$ 5.2600 \$	\$ 5.0600 \$ 5.1300	27		\$ 4.9800 \$ 5.0600 \$	30 \$ 5.1000 \$ 5.1500 \$ 5.1250 31 \$ 5.2600 \$ 5.3000 \$ 5.2800	TOTAL \$119.7000 \$121.0600 \$120.3800	POSTINGS 23 23 23	AVERAGE \$ 5.2043 \$ 5.2635 \$ 5.2339
FEBRUARY 2004	TGPL - S. CORPUS CHRISTI DAY LOW HIGH AVERAGE	1 2 \$ 5.2900 \$ 5.3400 \$ 5.3150	\$ 5.1300 \$ 5.2100 \$	\$ 5.3000 \$ 5.3500 \$ 5.4300 \$ 5.4800	5.2200 \$ 5.2700 \$			9 \$ 5.1500 \$ 5.2400 \$ 5.1950 40 \$ 6.1300 \$ 6.2300 \$ 5.1750	\$ 5.1100 \$ 5.2200 \$	\$ 5.0100 \$ 5.0800 \$	\$ 5.0600 \$ 5.1000 \$		15	16	\$ 5.2900 \$ 5.3500	\$ 5.0200 \$ 5.0900 \$	\$ 4.9200 \$ 5.1100	\$ 4.9400 \$ 5.0200 \$	21	22	4.9200 \$ 5.0100	\$ 4.8400 \$ 4.9100 \$	\$ 4.8600 \$	\$ 4.8300 \$ 4.8900 \$	\$ 4.9000 \$ 4.9800	28	29		TOTAL \$ 96.3300 \$ 97.7400 \$ 97.0350	POSTINGS 19 19 19	AVERAGE \$ 5.0700 \$ 5.1442 \$ 5.1071

CALCULATION OF AVERAGE PRICES REPORTED IN GAS DAILY FOR TGPL - SOUTH CORPUS CHRISTI

JULY 2004	TGPL - S. CORPUS CHRISTI DAY LOW HIGH AVERAGE	1 \$ 5.7300 \$ 5.7900 \$ 5.7600 2 \$ 5.6900 \$ 5.7400 \$ 5.7150) 4 ιν	\$ 5.6700 \$ 5.7600 \$	7 \$ 5.9900 \$ 6.0500 \$ 6.0200	\$ 5.9100 \$ 6.0800 \$	10	\$ 5.6900 \$ 5.7700	\$ 5.8100 \$	\$ 5.7000 \$ 5.7600 \$	5.7200 \$ 5.7600 \$	\$ 5.7000 \$ 5.8000	17		\$ 5.5300 \$ 5.6000 \$	\$ 5.5800 \$ 5.6100 \$	\$ 5.6400 \$ 5.7400	\$ 5.7800 \$ 5.8200 \$	\$ 5.6900 \$ 5.7400 \$	24	- COCCO 1	4 0.6200 4 0.0700 4 6 17400 6 176100 6	6 0.7400 6 0.0100 6	5.7100 \$ 3.7300 \$ 5.6400 \$ 5.6700 \$	\$ 5.7800 \$ 5.8200 \$	TOTAL \$120.5800 \$121.9500 \$121.2650	POSTINGS 21 21 21	AVERAGE \$ 5.7419 \$ 5.8071 \$ 5.7745
JUNE 2004	TGPL - S. CORPUS CHRISTI DAY LOW HIGH AVERAGE	1 \$ 6.2700 \$ 6.3300 \$ 6.3000 2 \$ 6.3000 \$ 6.3800 \$ 6.3400	\$ 6.2900 \$ 6.3500 \$		\$ 5.9800 \$ 6.0500	8 \$ 5.9400 \$ 5.9500 \$ 5.9500 9 \$ 6.0600 \$ 6.1100 \$ 6.0850	\$ 5.8500 \$ 5.9100		13	\$ 5.7900 \$ 5.8400 \$	\$ 5.9800 \$ 6.0500 \$	\$ 6.2500 \$ 6.2800 \$	\$ 6.2800 \$ 6.3100 \$	6.4400 \$ 6.4900	19		\$ 6.3400 \$ 6.3600 \$	\$ 6.2700 \$ 6.3100 \$	\$ 6.1300 \$ 6.1600 \$	\$ 6.1300 \$ 6.1700 \$	\$ 6.2200 \$ 6.2800	26		\$ 6.0800 \$ 6.1600	30 \$ 5.8400 \$ 5.8800 \$ 5.8600	TOTAL \$128.7400 \$129.8100 \$129.2750	POSTINGS 21 21 21	AVERAGE \$ 6.1305 \$ 6.1814 \$ 6.1560
MAY 2004	TGPL - S. CORPUS CHRISTI DAY LOW HIGH AVERAGE		3 \$ 5.6000 \$ 5.6900 \$ 5.6450 4 \$ 5.6500 \$ 5.7000 \$ 5.6750	5.9300 \$ 5.9600 \$	\$ 6.0800 \$ 6.1000	യ ഗ	\$ 6.0500 \$ 6.0800 \$	↔ 6	6.2500 \$ 6.3000 \$	\$ 6.2800 \$ 6.3000 \$		5.		\$ 6.2100 \$ 6.2700	\$ 6.1400 \$ 6.1700 \$	6.0500 \$ 6.1000 \$ 6	\$ 6.3100 \$ 6.3400	22		\$ 6.1700 \$ 6.2100 \$	\$ 6.3200 \$ 6.4300 \$	6.5600 \$ 6.6300 \$	\$ 6.5100 \$ 6.5600 \$ 6	\$ 6.3400 \$ 6.4000	29 30 31	TOTAL \$ 122.8300 \$ 123.7800 \$ 123.3050	POSTINGS 20 20 20	AVERAGE \$ 6.1415 \$ 6.1890 \$ 6.1653

CALCULATION OF AVERAGE PRICES REPORTED IN GAS DAILY FOR TGPL - SOUTH CORPUS CHRISTI

OCTOBER 2004	TGPL - S. CORPUS CHRISTI DAY LOW HIGH AVERAGE	1 \$ 5.5500 \$ 5.9400 \$ 5.7450	2		4.8000 \$ 5.1800 \$	\$ 5.3700 \$ 5.5300 \$	\$ 5.8400 \$ 5.9600 \$	\$ 5.6700 \$ 5.8600 \$	\$ 5.5800 \$ 5.7000	o		4.7200 \$ 4.9900 \$	\$ 5.2500 \$ 5.3500 \$	\$ 5.0900 \$ 5.2100 \$	\$ 5.1500 \$ 5.2500 \$ 5	\$ 5.5500	16		\$ 5.4000 \$ 5.4500 \$	\$ 5.5800 \$ 5.7800 \$	\$ 6.1400 \$ 6.2800 \$	\$ 7.0000 \$ 7.2200 \$	\$ 7.0500 \$ 7.1100	23		\$ 7.0000 \$ 7.0900 \$	\$ 7.6000 \$ 7.7000 \$	\$ 7.5600 \$ 7.6600 \$	\$ 7.8600 \$ 7.9800 \$	\$ 6.2500 \$ 6.5200	30 31		TOTAL \$126.0100 \$129.4300 \$127.7200	POSTINGS 21 21 21	AVERAGE \$ 6.0005 \$ 6.1633 \$ 6.0819
SEPTEMBER 2004	TGPL - S. CORPUS CHRISTI DAY LOW! HIGH AVERAGE	\$ 4.8900 \$ 4.9800 \$	4.8800 \$ 4.9400 \$	\$ 4.5700	4	5		7 \$ 4.0900 \$ 4.1900 \$ 4.1400	4.3800	\$ 4.5600 \$ 4.6200	10 \$ 4.4600 \$ 4.5300 \$ 4.4950	-11	12	4.4100 \$ 4.5000	4.8400 \$ 4.9400	\$ 4.8500 \$	\$ 4.8700 \$ 4	\$ 4.5300	18	19	\$ 4.6100 \$ 4.7400 \$	\$ 4.9800 \$ 5.0800 \$	\$ 5.2600 \$ 5.3300 \$	\$ 5.4100 \$ 5.5100 \$ 5	5.4000 \$ 5.5000	25		\$ 5.2300 \$ 5.2900 \$	5.0600 \$ 5.1200 \$	\$ 5.2700 \$ 5.3600 \$	5.8600 \$ 6.1300		TOTAL \$102.2500 \$104.2700 \$103.2600	POSTINGS 21 21 21	AVERAGE \$ 4.8690 \$ 4.9652 \$ 4.9171
AUGUST 2004	TGPL - S. CORPUS CHRISTI DAY LOW HIGH AVERAGE	_	5.8700 \$ 5.9400 \$	5.7400 \$ 5.8200 \$	\$ 5.7000 \$ 5.7200 \$	\$ 5.5800 \$ 5.6300	5.3800 \$ 5.4500		œ	\$ 5.2300 \$ 5.3300	\$ 5.4400 \$	5.6500 \$ 5.6900	5.4500 \$ 5.5500	\$ 5.2500 \$ 5.3000 \$		15		\$ 5.1700 \$ 5.2400	\$ 5.1100 \$	\$ 5.2200 \$ 5.2700	\$ 5.1900 \$ 5.2500		22	\$ 5.2100 \$ 5.2800 \$	\$ 5.1800 \$ 5.2200	\$ 5.0900 \$ 5.1300 \$	\$ 5.1700 \$ 5.2000 \$	5.0600 \$ 5.1100	28	29	30 \$ 4.8600 \$ 4.9800 \$ 4.9200 31 \$ 4.9000 \$ 5.0300 \$ 4.9650	· · · · · · · · · · · · · · · · · · ·	TOTAL \$ 116.5200 \$ 117.9700 \$ 117.2450	POSTINGS 22 22 22	AVERAGE \$ 5.2964 \$ 5.3623 \$ 5.3293

PBR-GAIF INDICES TENNESSEE – ZONE 1

LOUISVILLE GAS AND ELECTRIC COMPANY CALCULATION OF SUPPLY AREA INDICES SAI (TGPL-Z1)

		AVERAGE	\$4.3808	\$5.5277	\$6.1040	\$5.5237	\$5.2214	\$5.5052	\$6.0939	\$6.3663	\$5.9419	\$5.5830	\$4.9643	\$5.9091
	INSIDE FERC	TGPL-ZONE 1	\$4.3800	\$4.8200	\$6.0800	\$5.7000	\$5.0800	\$5.2700	\$5.8600	\$6.6100	\$6.0800	\$5.9300	\$4.9600	\$5.6400
GAS DAILY AVERAGE	LA. ONSHORE	SOUTH-500 LEG	\$4.3600	\$5.9671	\$6.1345	\$5.3337	\$5.2841	\$5.6181	\$6.2278	\$6.2038	\$5.8157	\$5.3491	\$5.0429	\$6.1848
NATURAL GAS WEEK	GULF COAST	ONSHORE - LA	\$4.4025	\$5.7960	\$6.0975	\$5.5375	\$5.3000	\$5.6275	\$6.1940	\$6.2850	\$5.9300	\$5.4700	\$4.8900	\$5.9025
			Nov. 03	Dec. 03	Jan. 04	Feb. 04	Mar. 04	Apr. 04	May 04	Jun. 04	Jul. 04	Aug. 04	Sep. 04	Oct. 04

CALCULATION OF AVERAGE NATURAL GAS WEEK PRICE BY MONTH FOR GULF COAST ONSHORE - LA

MONTHLY AVERAGE	\$6.1940	\$6.2850	\$5.9300	\$5.4700	\$4.8900	\$5.9025
NATURAL GAS WEEK GULF COAST ONSHORE - LA	\$5.7400 \$6.0700 \$6.3000 \$6.3100 \$6.5500	\$6.3700 \$6.0500 \$6.4000 \$6.3200	\$5.9500 \$6.0400 \$5.8600 \$5.8700	\$5.9000 \$5.5700 \$5.4400 \$5.3100 \$5.1300	\$4.6400 \$4.5100 \$4.9900 \$5.4200	\$5.5700 \$5.7500 \$5.5600 \$6.7300
	05/03/2004 05/10/2004 05/17/2004 05/24/2004 05/31/2004	06/07/2004 06/14/2004 06/21/2004 06/28/2004	07/05/2004 07/12/2004 07/19/2004 07/26/2004	08/02/2004 08/09/2004 08/16/2004 08/23/2004 08/30/2004	09/06/2004 09/13/2004 09/20/2004 09/27/2004	10/04/2004 10/11/2004 10/18/2004 10/25/2004
MONTHLY AVERAGE	\$4.4025	\$5.7960	\$6.0975	\$5.5375	\$5.3000	\$5.6275
NATURAL GAS WEEK GULF COAST ONSHORE - LA	\$4.3600 \$4.3400 \$4.5900 \$4.3200	\$4.5800 \$5.4900 \$6.4400 \$6.7200 \$5.7500	\$5.7400 \$6.6300 \$5.9600 \$6.0600	\$5.8900 \$5.5600 \$5.4400 \$5.2600	\$5.1100 \$5.2100 \$5.3600 \$5.2800	\$5.5300 \$5.7300 \$5.7300 \$5.5200
	11/03/2003 11/10/2003 11/17/2003 11/24/2003	12/01/2003 12/08/2003 12/15/2003 12/22/2003 12/29/2003	01/05/2004 01/12/2004 01/19/2004 01/26/2004	02/02/2004 02/09/2004 02/16/2004 02/23/2004	03/01/2004 03/08/2004 03/15/2004 03/22/2004 03/29/2004	04/05/2004 04/12/2004 04/19/2004 04/26/2004

CALCULATION OF AVERAGE PRICES REPORTED IN GAS DAILY FOR TGPL - LA. ONSHORE SOUTH - 500 LEG

JANUARY 2004	TGPL - LA ONSHORE SO500 LEG DAY LOW HIGH AVERAGE	1	2	က		\$ 5.5100 \$ 5.6400 \$	\$ 6.3200 \$	\$ 6.9300 \$ 7.0900 \$	\$ 6.3800 \$ 6.5000 \$	\$ 6.3700 \$ 6.4400	10		\$ 6.7900 \$ 6.8500 \$	\$ 6.0800 \$ 6.1800 \$	\$ 6.1200 \$ 6.1900 \$	\$ 5.7800 \$ 5.9400 \$	\$ 5.9500 \$ 6.0700	17	18		\$ 5.4600 \$ 5.6900 \$	\$ 6.0900 \$ 6.1400 \$	\$ 6.1700 \$ 6.1900 \$	5.9300 \$ 6.0900	24		\$ 5.7500 \$ 5.8800 \$	\$ 5.7600 \$	\$ 5.8900 \$ 6.0300 \$	\$ 6.2100 \$ 6.4300 \$ 6	6.1500 \$ 6.2700	31	TOTAL \$115.4100 \$117.7000 \$116.5550	POSTINGS 19 19 19	AVERAGE \$ 6.0742 \$ 6.1947 \$ 6.1345
DECEMBER 2003	TGPL - LA ONSHORE SO500 LEG DAY LOW HIGH AVERAGE	\$ 4.6700 \$ 4.7600 \$	4.9700 \$ 5.0600	\$ 5.3200 \$ 5.4100	\$ 5.3400 \$ 5.3900 \$	\$ 5.5700 \$ 5.7200	ဟ		\$ 6.0700 \$ 6.2200 \$	\$ 5.8600 \$ 5.9500 \$	6.2100 \$ 6.2900 \$	\$ 6.4800 \$ 6.6500 \$	6.3400 \$ 6.6100	13	14	15 \$ 6.5600 \$ 6.6800 \$ 6.6200	\$ 6.5100 \$ 6.5900 \$	6.5100 \$ 6.5300	18 \$ 6.4500 \$ 6.5600 \$ 6.5050	6.8900 \$ 7.0000	20	21	6.6700	\$ 6.0900 \$ 6.1900 \$	\$ 5.3500 \$ 5.5100	25	26	27	28	5.3700	\$ 5.3000 \$ 5.3500 \$	\$ 0008.5	TOTAL \$124.1700 \$126.4500 \$125.3100	POSTINGS 21 21 21	AVERAGE \$ 5.9129 \$ 6.0214 \$ 5.9671
NOVEMBER 2003	TGPL - LA ONSHORE SO500 LEG DAY LOW HIGH AVERAGE	_	2		\$ 3.9400 \$ 4.0200 \$	\$ 3.8900 \$ 4.0700	€>	\$ 4.6700 \$ 4.7400	ω	o		\$ 4.3700 \$ 4.4100 \$	4.4900	\$ 4.6800 \$ 4.7500	\$ 4.5100 \$ 4.5600	-	. 1	\$ 4.5300 \$ 4.6000	\$ 4.3700 \$ 4.4400 \$	\$ 4.2800 \$ 4.3500	\$ 4.3400 \$	\$ 4.2300 \$ 4.2600		23	\$ 4.0100 \$ 4.1700 \$	\$ 4.4600 \$ 4.5300 \$	4.4000 \$ 4.5300	27	28	29	330	}	TOTAL \$ 77.7300 \$ 79.2300 \$ 78.4800	POSTINGS 18 18 18	AVERAGE \$ 4.3183 \$ 4.4017 \$ 4.3600

CALCULATION OF AVERAGE PRICES REPORTED IN GAS DAILY FOR TGPL - LA. ONSHORE SOUTH - 500 LEG

APRIL 2004	TGPL - LA ONSHORE SO500 LEG DAY LOW HIGH AVERAGE	1 \$ 5.5100 \$ 5.6000 \$ 5.5550 2 \$ 5.7300 \$ 5.7500 \$ 5.7400 3	5 \$ 5.5700 \$ 5.6500 \$ 5.6100 6 \$ 5.7300 \$ 5.7700 \$ 5.7500 7 \$ 5.5800 \$ 5.6300 \$ 5.6050 8 \$ 6.6400 \$ 5.6900 \$ 5.6650		12 \$ 5.7100 \$ 5.7600 \$ 5.7350 13 \$ 5.7300 \$ 5.7700 \$ 5.7500 14 \$ 5.8000 \$ 5.8500 \$ 5.8250	\$ 5.6400 \$ 5.6800 \$ \$ 5.5700 \$ 5.6500 \$		19 \$ 5.4900 \$ 5.5400 \$ 5.5150 20 \$ 5.4600 \$ 5.5300 \$ 5.4950 21 \$ 5.4300 \$ 5.4600 \$ 5.4450	\$ 5.4200 \$ 5.4600 \$ \$ 5.4900 \$ 5.5200 \$	6 6 7 1	26 \$ 5.4200 \$ 5.4900 \$ 5.4400 27 \$ 5.5400 \$ 5.5900 \$ 5.5650 28 \$ 5.7300 \$ 5.7700 \$ 5.7500	\$ 5.6400 \$ 5.7200 \$ \$ 5.6100 \$ 5.6700 \$	TOTAL \$117.4400 \$118.5200 \$117.9800	POSTINGS 21 21 21	AVERAGE \$ 5.5924 \$ 5.6438 \$ 5.6181
MARCH 2004	TGPL - LA ONSHORE SO500 LEG DAY LOW HIGH AVERAGE	1 \$ 5.1100 \$ 5.1600 \$ 5.1350 2 \$ 5.0300 \$ 5.0800 \$ 5.0550 3 \$ 5.2500 \$ 5.3000 \$ 5.2750 4 \$ 5.1800 \$ 5.200	6 5.0100 % 5.0700 % 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	\$ 5.3300 \$ 5.3800 \$ 5.2800 \$ 5.2500 \$ 5.2800 \$	\$ 5.2600 \$ 5.2800	\$ 5.3800 \$ 5.4700 \$ 5.4700 \$	\$ 5.4800 \$ 5.5200 \$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	5.5000 \$ 5.5500	\$ 5.3700 \$ 5.4700 \$ \$ 5.3400 \$ 5.4200 \$	\$ 5.2600 \$ 5.3100 \$ \$ 5.2600 \$ 5.3000 \$	26 \$ 5.1200 \$ 5.1500 \$ 5.1350 27 28	29 \$ 5.0200 \$ 5.0900 \$ 5.0550 30 \$ 5.1300 \$ 5.1800 \$ 5.1550 31 \$ 5.2800 \$ 5.3300 \$ 5.3050	TOTAL \$120.8500 \$122.2200 \$121.5350	POSTINGS 23 23 23	AVERAGE \$ 5.2543 \$ 5.3139 \$ 5.2841
FEBRUARY 2004	TGPL - LA ONSHORE SO500 LEG DAY LOW HIGH AVERAGE	\$ 5.7400 \$ 5.9100 \$ 5.4400 \$ 5.5200	9 49 49	\$ 5.3400 \$ 5.4500 \$ 5.4100 \$ 5.4600	\$ 5.2400 \$ 5.3400 \$		5.5300 \$ 5.6000 5.2500 \$ 5.3300	19 \$ 5.2000 \$ 5.2600 \$ 5.2300 20 \$ 5.1000 \$ 5.2100 \$ 5.1550	\$ 5.0600 \$ 5.1100 \$	\$ 4.9800 \$ 5.0400 \$ \$ 4.9800 \$	5.0100 \$ 5.0500 5.0400 \$ 5.1000	29	TOTAL \$ 100.5900 \$ 102.0900 \$ 101.3400	POSTINGS 19 19 19	AVERAGE \$ 5.2942 \$ 5.3732 \$ 5.3337

CALCULATION OF AVERAGE PRICES REPORTED IN GAS DAILY FOR TGPL - LA. ONSHORE SOUTH - 500 LEG

JULY 2004	TGPL - LA ONSHORE SO500 LEG DAY LOW HIGH AVERAGE	\$ 5.8100 \$ 5.8700 \$	\$ 5.7500 \$ 5.8400	က	4		\$ 5.7500 \$ 5.8000 \$	\$ 6.0500 \$ 6.1100 \$	6.1200 \$ 6.2000 \$	\$ 5.9500 \$ 6.0700	10		\$ 5.7600 \$ 5.8400 \$	\$ 5.8400 \$ 5.9000 \$	\$ 5.7800 \$ 5.7900 \$	\$ 5.7700 \$ 5.8200 \$	5.7200 \$ 5.8300	17		\$ 5.5500 \$ 5.6600 \$	\$ 5.6000 \$ 5.6500 \$	\$ 5.6900 \$ 5.7500 \$	\$ 5.7900 \$ 5.8300 \$		24		\$ 5.8400 \$ 5.8900 \$	\$ 5.7800 \$ 5.8300 \$	\$ 5.7400 \$ 5.7800 \$	\$ 5.6300 \$ 5.7400 \$	5.8000 \$ 5.8400	TOTAL \$121.4200 \$122.8400 \$122.1300	POSTINGS 21 21 21	AVERAGE \$ 5.7819 \$ 5.8495 \$ 5.8157
JUNE 2004	TGPL - LA ONSHORE SO500 LEG DAY LOW HIGH AVERAGE	\$ 6.3300 \$ 6.3600 \$	6.3600 \$ 6.4100 \$	\$ 6.4200 \$ 6.4700 \$	6.3100	വ		\$ 6.0500 \$ 6.0900 \$	\$ 6.0100 \$ 6.0500 \$	\$ 6.1300 \$ 6.1500 \$	\$ 5.9500 \$ 5.9700	11	12		\$ 5.8500 \$ 5.8800 \$	\$ 6.0500 \$ 6.1100 \$	\$ 6.2600 \$ 6.3100 \$	\$ 6.3000 \$ 6.3400 \$	\$ 6.4600 \$ 6.5300	19		\$ 6.3900 \$ 6.4100 \$	6.3100 \$ 6.3500 \$	\$ 6.2100 \$	\$ 6.1700 \$ 6.2400 \$	\$ 6.2800 \$ 6.3100	26		\$ 6.1500 \$ 6.1900 \$	\$ 6.0100 \$	\$ 5.8900 \$ 5.9700	TOTAL \$129.8100 \$130.7500 \$130.2800	POSTINGS 21 21 21	AVERAGE \$ 6.1814 \$ 6.2262 \$ 6.2038
MAY 2004	TGPL - LA ONSHORE SO500 LEG DAY LOW HIGH AVERAGE	_	2	3 \$ 5.6500 \$ 5.7300 \$ 5.6900	\$ 5.6800 \$	6.1200 \$ 6.1500	\$ 5.9900 \$ 6.0400 \$	\$ 6.1300 \$ 6.1500	∞	ത	\$ 6.1000 \$ 6.1500	\$ 6.0600 \$ 6.1100 \$	\$ 6.1100 \$ 6.2200 \$	\$ 6.3300 \$ 6.3600 \$	\$ 6.3300 \$ 6.3600	15	16	\$ 6.3300 \$ 6.3600	\$ 6.3000 \$ 6.3600	6.1900 \$ 6.2300	\$ 6.1200 \$ 6.1700 \$	6.3400 \$ 6.4000		23	\$ 6.2500 \$ 6.3000	\$ 6.4200 \$ 6.5500 \$	6.6100 \$ 6.7100	\$ 6.5300 \$ 6.6100 \$	6.3400 \$ 6.4500	29	30 31	TOTAL \$ 123.9300 \$ 125.1800 \$ 124.5550	POSTINGS 20 20 20	AVERAGE \$ 6.1965 \$ 6.2590 \$ 6.2278

CALCULATION OF AVERAGE PRICES REPORTED IN GAS DAILY FOR TGPL - LA. ONSHORE SOUTH - 500 LEG

OCTOBER 2004	TGPL - LA ONSHORE SO500 LEG DAY LOW HIGH AVERAGE	1 \$ 5.8400 \$ 6.1800 \$ 6.0100 2	ıπ	5.1100 \$ 5.3000 \$	\$ 5.4900 \$ 5.6700 \$	\$ 6.0400 \$	\$ 5.7900 \$ 5.9100 \$	\$ 5.8300 \$ 5.9700	ത		\$ 5.1000 \$ 5.3700 \$	\$ 5.3800 \$ 5.4500 \$	\$ 5.1600 \$ 5.2800 \$	\$ 5.1800 \$ 5.3100 \$	\$ 5.5800 \$ 5.7100	16		\$ 5.4800 \$ 5.5400 \$	\$ 5.6300 \$ 5.8600 \$	\$ 6.1500 \$ 6.3800 \$	\$ 7,1600 \$ 7,2200 \$	\$ 7.1100 \$ 7.2400	23		\$ 7.0300 \$ 7.1200 \$	\$ 7.6700 \$ 7.7200 \$	\$ 7.6100 \$ 7.6600 \$	\$ 7.8600 \$ 8.0000 \$	\$ 6.2400 \$ 6.4600	30 31	TOTAL \$128.3700 \$131.3900 \$129.8800	POSTINGS 21 21 21	AVERAGE & 61129 \$ 62567 \$ 6.1848))
SEPTEMBER 2004	TGPL - LA ONSHORE SO500 LEG DAY LOW HIGH AVERAGE	1 \$ 4.9600 \$ 5.0300 \$ 4.9950 2 \$ 4.9400 \$ 4.9900 \$ 4.9500	\$ 4.5600 \$ 4.7000 \$		Ŋ	9		\$ 4.3300 \$ 4.4400 \$	\$ 4.6300 \$ 4.6800 \$	4.5200	11		\$ 4.4400 \$ 4.5400 \$	4.9800 \$ 5.0800 \$	\$ 5.1300 \$ 5.2100 \$	\$ 5.2900 \$	\$ 4.7300 \$ 4.8700	18	19	4.8500 \$ 5.0900 \$	↔	5.4500 \$ 5.5000 \$	\$ 5.4900 \$ 5.5600 \$ 5.	\$ 5.4300	25		5.3400 \$ 5.4200 \$	5.2100 \$ 5.2600 \$	\$ 5.3900 \$ 5.4400 \$	5.9000 \$ 6.1500	TOTAL \$104.8100 \$106.9900 \$105.9000	POSTINGS 21 21 21	6	9
AUGUST 2004	TGPL - LA ONSHORE SO500 LEG DAY LOW HIGH AVERAGE	6 CCCC II	4 5.9000 4 5.9500 4 5.7300 8 5.7300 8	5.7100 \$ 5.7300 \$	\$ 55900 \$ 5,6300 \$	\$ 5.4000 \$ 5.4600 \$. 00	\$ 5.2200 \$ 5.2700	\$ 5.4400 \$ 5.4900	\$ 5.6400 \$	\$ 5.4300 \$ 5.5600 \$	\$ 5.2400 \$ 5.3700		. (C		\$ 5.2600 \$	\$ 5.1200 \$ 5.1800	\$ 5,2600 \$ 5,2900 \$	\$ 5,2500 \$ 5,2800 \$		22	\$ 5.2700	\$ 5.2000 \$ 5.2500 \$	\$ 5.1200 \$ 5.1400 \$	\$ 5.1600 \$ 5.2400	5.0700 \$ 5.1200	28	29	30 \$ 4,9000 \$ 5.0000 \$ 4,9500 31 \$ 4,9400 \$ 5.0700 \$ 5.0050	TOTAL \$ 116.9300 \$ 118.4300 \$ 117.6800	POSTINGS 22 22 22		AVERAGE \$ 5.3150 \$ 5.3832 \$ 5.3491

PBR-GAIF INDICES DELIVERY AREA INDEX ("DAI")

LOUISVILLE GAS AND ELECTRIC COMPANY CALCULATION OF SUPPLY AREA INDICES DAI (TGT-4 AND TGPL-2)

AVERAGE	\$4.8691 \$5.9442	\$6.6901	\$6.1021	\$5.6013	\$5.9962	\$6.5627	\$6.7917	\$6.3025	\$5.9383	\$5.2857	\$6.2515
INSIDE FERC DOMINION APPALACHIA	\$4.9400	\$6.5400	\$6.5100	\$5.4900	\$5.7000	\$6.3500	\$7.0900	\$6.4700	\$6.3000	\$5.3200	\$5.9600
AVG. OF GAS DAILY DOMINION SOUTH POINT	\$4.8272	\$6.8403	\$5.7589	\$5.6798	\$6.1686	\$6.7260	\$6.6326	\$6.2026	\$5.7209	\$5.3545	\$6.5469
AVG. OF NGW SOMINION SOUTH*	\$4.8400	\$6.6900	\$6.0375	\$5.6340	\$6.1200	\$6.6120	\$6.6525	\$6.2350	\$5.7940	\$5.1825	\$6.2475
	Nov. 03		Feb. 04	Mar. 04	Apr. 04	May 04	Jun. 04	Jul. 04	Aug. 04	Sep. 04	Oct. 04

CALCULATION OF AVERAGE NATURAL GAS WEEK PRICE BY MONTH FOR DOMINION SOUTH POINT

MONTHLY AVERAGE	\$6.6120	\$6.6525	\$6.2350	\$5.7940	\$5.1825	\$6.2475
NATURAL GAS WEEK DOMINION SOUTH	\$6.1600 \$6.4500 \$6.7700 \$6.7600 \$6.9200	\$6.7500 \$6.4800 \$6.7300 \$6.6500	\$6.2800 \$6.3500 \$6.1500 \$6.1600	\$6.2200 \$5.9500 \$5.7600 \$5.6300 \$5.4100	\$4.9400 \$4.8500 \$5.2100 \$5.7300	\$5.8600 \$5.9000 \$5.9100 \$7.3200
	05/03/2004 05/10/2004 05/17/2004 05/24/2004 05/31/2004	06/07/2004 06/14/2004 06/21/2004 06/28/2004	07/05/2004 07/12/2004 07/19/2004 07/26/2004	08/02/2004 08/09/2004 08/16/2004 08/23/2004 08/30/2004	09/06/2004 09/13/2004 09/20/2004 09/27/2004	10/04/2004 10/11/2004 10/18/2004 10/25/2004
MONTHLY AVERAGE	\$4.8400	\$6.1500	0069.9\$	\$6.0375	\$5.6340	\$6.1200
NATURAL GAS WEEK DOMINION SOUTH	\$4.8000 \$4.8100 \$5.1100 \$4.6400	\$4.9900 \$5.9600 \$6.7700 \$6.9600	\$6.0500 \$7.0800 \$6.9200 \$6.7100	\$6.8300 \$6.0300 \$5.7600 \$5.5300	\$5.4100 \$5.5400 \$5.6600 \$5.9100 \$5.6500	\$6.0000 \$6.2800 \$6.2300 \$5.9700
	11/03/2003 11/10/2003 11/17/2003 11/24/2003	12/01/2003 12/08/2003 12/15/2003 12/22/2003 12/29/2003	01/05/2004 01/12/2004 01/19/2004 01/26/2004	02/02/2004 02/09/2004 02/16/2004 02/23/2004	03/01/2004 03/08/2004 03/15/2004 03/22/2004 03/29/2004	04/05/2004 04/12/2004 04/19/2004 04/26/2004

CALCULATION OF AVERAGE PRICES REPORTED IN GAS DAILY FOR DOMINION - SOUTH POINT

JANUARY 2004	DOMINION - SOUTH POINT LOW HIGH AVERAGE	- 2 -	w 4	\$ 5.8000 \$ 6.1200 \$	6 \$ 6.6500 \$ 6.7800 \$ 6.7150	\$ 7.2400 \$ 7.7100 \$	\$ 6.8900 \$ 7.1200 \$	10		\$ 7.2300 \$ 7.7100 \$	\$ 6.7000 \$ 6.9400 \$	\$ 7,1700 \$ 7,4900 \$	\$ 6.7700 \$ 7.3900 \$	\$ 6.7800 \$ 7.3600	17	18		\$ 6.0500 \$ 6.2500 \$	\$ 6.6800 \$ 6.9900 \$	\$ 6.7300 \$ 6.9900 \$	\$ 6.4700	24	6	\$ 6.390U \$ 6.330U \$	\$ 6.3200 \$ 6.4300 \$	\$ 6.4300 \$ 6.6000 \$	\$ 7.3000 \$	\$ 7.0800 \$ 7.2600	31	TOTAL \$127,1100 \$132.8200 \$129.9650	POSTINGS 19 19 19	AVERAGE \$ 6.6900 \$ 6.9905 \$ 6.8403
DECEMBER 2003	DOMINION - SOUTH POINT DAY LOW HIGH AVERAGE	\$ 5.0900 \$ 5.2200 \$ \$ 5.5600 \$ 5.6700 \$	3 \$ 5,9300 \$ 6,2500 \$ 6.9900 4 \$ 5,6900 \$ 5,9500 \$ 5,8200	\$ 5.9300 \$ 6.0500 \$	ဖျ	6 0000	8 \$ 6.2000 \$ 6.3500 \$ 0.4730 9 \$ 6.2000 \$ 6.3100 \$ 6.2550	6.5400 \$ 6.6300 \$	\$ 6.7300 \$ 7.0100 \$	\$ 6.8000 \$ 6.9200	13		↔	\$ 6.7900 \$ 6.8700 \$	6.7300 \$ 6.8100 \$	6.6800 \$ 6.8100 \$	\$ 7,1500 \$ 7,4900	20		\$ 6,9600 \$ 7,1400 \$	6.2900 \$ 6.5700 \$	\$ 5.6800 \$ 5.8300	25	26	27	28	29 \$ 5.6500 \$ 5.8200 \$ 5.7350	\$ 5.6200 \$ 5.7400 \$	6.1100 \$ 6.1800	TOTAL \$131.4500 \$134.9400 \$133.1950	POSTINGS 21 21 21	AVERAGE \$ 6.2595 \$ 6.4257 \$ 6.3426
NOVEMBER 2003	DOMINION - SOUTH POINT DAY LOW HIGH AVERAGE		3 \$ 3.9000 \$ 4.1500 \$ 4.0250	\$ 4.3000 \$ 4.4900 \$	\$ 5.0000 \$ 5.0800 \$	\$ 5.2800 \$ 5.4000	യ ഗ	\$ 5,1100 \$ 5,1900	\$ 4.9200 \$	\$ 4.9000 \$ 5.0100 \$	\$ 5.2000 \$ 5.3100 \$	5.1000 \$ 5.2000	15	16	\$ 5.0100 \$ 5.1400	\$ 4.7900	\$ 4.6600 \$ 4.7100	\$ 4.7400 \$ 4.8000 \$	\$ 4.6300 \$ 4.7300	22	73	\$ 4.3200 \$ 4.4900	\$ 4.8600 \$ 4.9600 \$	4.9600	27	28	5 6	30		TOTAL \$ 85.8200 \$ 87.9600 \$ 86.8900	POSTINGS 18 18 18	AVERAGE \$ 4.7678 \$ 4.8867 \$ 4.8272

CALCULATION OF AVERAGE PRICES REPORTED IN GAS DAILY FOR DOMINION - SOUTH POINT

APRIL 2004	DOMINION - SOUTH POINT LOW HIGH AVERAGE	\$ 6.0500 \$ 6.2300 \$	\$ 6.3300 \$ 6.4300	ю		\$ 6.4000 \$	\$ 6.3700 \$ 6.4600 \$	\$ 6.1200 \$ 6.1700 \$	\$ 6.1900 \$ 6.2500	တ	10	1	\$ 6.3100 \$ 6.3700 \$	\$ 6.3200 \$ 6.3500 \$	\$ 6.3300 \$ 6.3900 \$	6.1500 \$ 6.2200 \$	\$ 6.1100 \$ 6.1900	17		\$ 5.9900 \$ 6.0400 \$	\$ 5.9900 \$ 6.0500 \$	\$ 5.9300 \$ 5.9600 \$	\$ 5.9300 \$ 5.9700 \$	\$ 5.9800	24		\$ 2.8700 \$ 5.9900 \$	\$ 6.0300 \$ 6.0900 \$	\$ 6.2400 \$ 6.2800 \$	\$ 6.1800 \$ 6.2800 \$	6.0800 \$ 6.1700	TOTA! \$128 7700 \$130 3100 \$ 129 5400		POSTINGS 21 21 21	AVERAGE \$ 6.1319 \$ 6.2052 \$ 6.1686
MARCH 2004	DOMINION - SOUTH POINT DAY LOW HIGH AVERAGE	5.4400 \$ 5.5500 \$	5.3600 \$ 5.4900 \$	\$ 5.6800 \$	\$ 5.5700 \$ 5.6500 \$	5.3900 \$ 5.4800	9	7	5.5600 \$ 5.6400	5.7300 \$	5.6100 \$ 5.6600 \$	\$ 5.5700 \$ 5.6300 \$ 5	\$ 5.5800 \$ 5.6500	13	14	15 \$ 5.7400 \$ 5.8100 \$ 5.7750	\$ 5.8600 \$ 5.9700 \$	5.9100 \$ 5.9700 \$	5.9700 \$ 5	5.9100 \$ 5.9600	20		\$ 5.7800 \$ 5.8900 \$	\$ 2.8500 \$	\$ 5.6900 \$ 5.7700 \$	\$ 5.6900 \$ 5.7400 \$	\$ 5.4700 \$ 5.5300	27	28	\$ 5.5500 \$	30 \$ 5.5400 \$ 5.6100 \$ 5.5750 31 \$ 5.6900 \$ 5.8200 \$ 5.7550	000000000000000000000000000000000000000	0000.101 \$	POSTINGS 23 23 23	AVERAGE \$ 5.6378 \$ 5.7217 \$ 5.6798
FEBRUARY 2004	DOMINION - SOUTH POINT DAY LOW HIGH AVERAGE		6.6800 \$ 6.9500	\$ 6.2400 \$	\$ 6,1700 \$ 6,3200	\$ 6.1700 \$ 6.2500	\$ 5,7600 \$ 5,9800		. œ	\$ 5.6600 \$ 5.8700	\$ 5.6800 \$ 5.8000	\$ 5.7200 \$	\$ 5.5800 \$ 5.6600 \$	5.5500 \$ 5.7100			16	\$ 5,9500 \$ 6.1100	\$ 5.6200 \$ 5.7800	\$ 5.5300 \$	\$ 5.4100 \$ 5.5100	. 12	22	\$ 5.3600 \$ 5.4300 \$	\$ 5.4000 \$	\$ 5.3500 \$ 5.4100 \$	5.3800 \$ 5.4500	\$ 5.3100 \$ 5.4000 \$	28	53			TOTAL \$ 108.1400 \$ 110.7000 \$ 109.4200	POSTINGS 19 19 19	AVERAGE \$ 5.6916 \$ 5.8263 \$ 5.7589

CALCULATION OF AVERAGE PRICES REPORTED IN GAS DAILY FOR DOMINION - SOUTH POINT

JULY 2004	DAY LOW HIGH AVERAGE	\$ 6.2400 \$ 6.2900 \$	\$ 6.1700 \$ 6.2500	က	4		\$ 6.2500 \$	\$ 6.4400 \$ 6.5300 \$	\$ 6.5100 \$ 6.5800	\$ 6.4100 \$ 6.4900 \$	10		\$ 6.1100 \$ 6.2300 \$	\$ 6.1900 \$ 6.2300 \$	\$ 6.0800 \$ 6.1300 \$	\$ 6.1200 \$ 6.1500 \$	\$ 6.1000 \$ 6.1600	17		\$ 5.9600 \$ 6.0300 \$	\$ 5.9900 \$ 6.0400 \$	\$ 6.0300 \$ 6.1200 \$	6.1200 \$ 6.1600 \$	\$ 6.0600 \$ 6.2200	24		\$ 6.2400 \$ 6.2900 \$	\$ 6.1700 \$ 6.2500 \$	\$ 6.1400 \$ 6.1800 \$	\$ 6.0900 \$ 6.1700 \$	6.1900 \$ 6.2400	TOTAL \$129.5200 \$130.9900 \$130.2550	POSTINGS 21 21 21	AVERAGE \$ 6.1676 \$ 6.2376 \$ 6.2026
JUNE 2004	DOMINION - SOUTH POINT DAY LOW HIGH AVERAGE	\$ 6.7800 \$ 6.8100 \$	\$ 6.7700 \$ 6.8700 \$	\$ 6.8500 \$ 6.8900 \$	6.7500 \$ 6.8200	c)		6.4800 \$ 6.5400 \$	\$ 6.4400 \$ 6.4900 \$	\$ 6.5800 \$ 6.6200 \$	\$ 6.3500 \$ 6.4300	11	12		\$ 6.2700 \$ 6.3400 \$	\$ 6.4600 \$ 6.5400 \$	\$ 6.7400 \$ 6.8200 \$	↔	6.8300 \$ 6.9600	19	20	6.7600 \$ 6.8700 \$	\$ 6.7300 \$ 6.7700 \$	\$ 0.099.9	\$ 6.5900 \$ 6.6500 \$	\$ 6.7100 \$ 6.7500	26		\$ 6.5400 \$ 6.6100 \$	29 \$ 6.3500 \$ 6.4300 \$ 6.3900	6.2500 \$ 6.3400	TOTAL \$138.5600 \$140.0100 \$139.2850	POSTINGS 21 21 21	AVERAGE \$ 6.5981 \$ 6.6671 \$ 6.6326
MAY 2004	DOMINION - SOUTH POINT DAY LOW HIGH AVERAGE	-	2	3 \$ 6.1300 \$ 6.2100 \$ 6.1700	\$ 6.2000 \$ 6.2500	6.6200 \$ 6.6700	€9	\$ 6.6300 \$ 6.6700		ത	\$ 6.5900 \$ 6.6300	11 \$ 6.5400 \$ 6.6300 \$ 6.5850	6.6900 \$ 6.7800 \$	6.8300 \$ 6.8900	\$ 6.8400 \$ 6.9000	50	16	\$ 6.8200 \$ 6.8900	\$ 6.8300 \$	\$ 6,7000 \$ 6,7500	\$ 6,6000 \$ 6,6400 \$	\$ 6.8300 \$ 6.8900	•	23	6.8000	\$ 6.8700 \$ 7.0000 \$	\$ 7,1300 \$ 7,2100	27 \$ 6.9600 \$ 7.0900 \$ 7.0250	\$ 6.7900 \$ 6.9300		30 31	TOTAL \$ 133.7800 \$ 135.2600 \$ 134.5200	POSTINGS 20 20 20	AVERAGE \$ 6.6890 \$ 6.7630 \$ 6.7260

CALCULATION OF AVERAGE PRICES REPORTED IN GAS DAILY FOR DOMINION - SOUTH POINT

OCTOBER 2004	DAY LOW HIGH AVERAGE		1 \$ 6.0300 \$ 6.4000 \$ 6.2150	~ (\$ 5.1600 \$ 5.4800 \$	\$ 5.7800 \$ 5.9800 \$	\$ 6.3900 \$	\$ 6.1200 \$ 6.2200 \$	\$ 5.7900 \$ 6.1200	o		\$ 5.2400 \$ 5.5700 \$	\$ 5.6200 \$ 5.7300 \$	\$ 5.4600 \$ 5.5600 \$	\$ 5.5400 \$ 5.7000 \$	\$ 6.0300 \$ 6.1400	16		\$ 5.8900 \$ 6.1100 \$	\$ 6.0500 \$ 6.2800 \$	\$ 6.5800 \$ 6.8500 \$	\$ 7.5700 \$ 7.7000 \$	\$ 7.6500 \$ 7.7500	23		\$ 7.7000 \$ 7.8400	\$ 8.0700 \$ 8.2800 \$	\$ 8.0200 \$ 8.1600 \$	\$ 8.2300 \$ 8.3700 \$	\$ 6.6200 \$ 6.8700	30	31	TOTAL \$135.4700 \$139.5000 \$137.4850	POSTINGS 21 21 21	AVERAGE \$ 6.4510 \$ 6.6429 \$ 6.5469
SEPTEMBER 2004	DOMINION - SOUTH POINT		\$ 5.3400 \$ 5.4600 \$	\$ 5.3900 \$	\$ 4.9700 \$ 5.1100	4	5	9		\$ 4.7000 \$ 4.8000	4.9800	4.8800 \$ 4.9300	11	12	4.7900 \$ 4.9700	5.3400 \$ 5.4900 \$	\$ 5.3000 \$ 5.3700 \$	\$ 5.2700 \$ 5.3100 \$	4.9700 \$ 5.0700	18	19	\$ 5.1000 \$ 5.1500 \$	5.4900 \$ 5.6000 \$	\$ 5.6700 \$ 5.7400 \$	\$ 5.8800 \$ 5		25		\$ 5.6600 \$ 5.7500 \$	5.5400 \$		\$ 6.3600 \$ 6.6500		TOTAL \$111.3600 \$113.5300 \$112.4450	POSTINGS 21 21 21	AVERAGE \$ 5.3029 \$ 5.4062 \$ 5.3545
AUGUST 2004		╛		\$ 6.2500 \$ 6.3000 \$	3 \$ 6.1300 \$ 6.1900 \$ 6.1600	\$ 6.0700 \$ 6.1000	\$ 5.9500 \$ 5.9900 \$	\$ 5.7600 \$ 5.8700 \$		- 00	\$ 5,6500 \$ 5,7600	\$ 5.8600 \$ 5.9300 \$	\$ 6.0000 \$ 6.0900	\$ 5.8600 \$ 5.9700	\$ 5.6500 \$ 5.7200 \$	-	. .		5.6400	↔	\$ 5,5600 \$ 5,6300	\$ 5.5400 \$ 5.6000		22	\$ 5.6700 \$ 5.7300	\$ 5.5700 \$ 5.6300 \$	\$ 5.4600 \$	\$ 5.5300 \$ 5.5600 \$	\$ 5.4100 \$ 5.4400	28	29	\$ 5.2300 \$ 5.3700	\$ 5.3200 \$	TOTAL \$ 125.0700 \$ 126.6500 \$ 125.8600	POSTINGS 22 22 22	AVERAGE \$ 5.6850 \$ 5.7568 \$ 5.7209

PBR-GAIF CALCULATION OF SUPPLY ZONE FIRM QUANTITY ENTITLEMENT PERCENTAGE ("SZFQEP")

LOUISVILLE GAS AND ELECTRIC COMPANY
CALCULATION OF SUPPLY ZONE FIRM QUANTITY ENTITLEMENT PERCENTAGE
FOR TEXAS GAS TRANSMISSION (TGT) AND TENNESSEE GAS PIPELINE COMPANY (TGPL)

14	ALLOCATION PERCENTAGE*	49.00% 51.00%	100.00%	66.20% 33.80%	100.00%	100.00%	100.00%	78.43% 21.57%	100.00%								
13	SUM OF COL. 1-12)	1,180,337	2,409,013	577,331	872,115	15,000	15,000	480,000	612,000								
12	OCT. 04	66,491 89,473	155,964	53,498 24,237	77,735	00	0	40,000	51,000								
=	SEP. 04	66,491 89,473	155,964	53,498 24,237	77,735	00	0	40,000	51,000								
10	AUG. 04	66,491	155,964	53,498 24,237	77,735	00	0	40,000	51,000								
6	JUL. 04	66,491 89,473	155,964	53,498	77,735	00	0	40,000	51,000								
æ	JUN. 04	66,491 89,473	155,964	53,498 24,237	77,735	00	0	40,000	51,000								
7	7 MAY. 04	66,491 89,473	155,964	53,498 24,237	77,735	00	0	40,000	51,000								
φ	LATERAL CAPACITY AND FIRM MAINLINE RECEIPT POINT CAPACITY JAN. 04 APR.	66,491 89,473	155,964	53,498	77,735	00	0	40,000	51,000	21	TENNESSEE SZFQE ZONE 1 (C.15 x C.17)				4,015,255	4,015,255	6.25%
z,	AINLINE RECEIPT MAR. 04	142,980 120,473	263,453	40,569 25,025	65,594	00	0	40,000	51,000	20	TENNESSEE SZFQE ZONE 0 (C.15 x C.17)				14,599,745	14,599,745	22.72%
4	SITY AND FIRM M FEB. 04	142,980	263,453	40,569 25,025	65,594	00	0	40,000	51,000	19	TEXAS GAS SZFQE ZONE 1 (C.15 x C.17)	14,382,000	5,743,296	0		20,125,296	31.31%
ო	LATERAL CAPAC JAN. 04	142,980	263,453	40,569	65,594	15,000	15,000	40,000	51,000	18	TEXAS GAS SZFQE ZONE SL (C.15 x C.17)	13,818,000	11,248,704	465,000		25,531,704	39.72%
7	DEC.03	142,980 120,473	263,453	40,569 25,025	65,594	00	0	40,000	51,000	17	ALLOCATION PERCENT (COL. 14)	49.00%	66.20% 33.80%	100.00% 0.00%	78.43% 21.57%		ERCENT.
***	NOV. 03	142,980	263,453	40,569 25,025	65,594	00	0	40,000	51,000	16	ZONE	요 -	₽.	S. ↑	0+		IITLEMENT P
	ZONE	S.t	TOTAL	SL 1	TOTAL	SL	TOTAL	0 +	TOTAL	15	ANNUAL SEASONAL QUANTITY ENTITLEMENT	28,200,000	16,992,000	465,000	18,615,000	64,272,000	M QUANTITY ENT
COLUMN	CONTRACTS	TGT-NNS-0415		TGT-FT-6487		TGT-STF-020662		TGPL-FT-A-10609		COLUMN	•	CONTRACTS TGT-NNS-0415	TGT-FT-6487	TGT-STF-020662	TGPL-FT-A-10609	TOTALS	SUPPLY ZONE FIRM QUANTITY ENTITLEMENT PERCENT**

* ALLOCATION PERCENTAGE EQUALS TOTAL ZONE CAPACITY UNDER EACH CONTRACT DIVIDED BY TOTAL CAPACITY UNDER EACH CONTRACT.

"SUPPLY ZONE FIRM QUANTITY ENTITLEMENT PERCENTAGE IS CALCULATED BY DIVIDING THE TOTAL OF COL. 18, 19, 20, OR 21 BY THE TOTAL OF COL. 15.

PBR-TIF SUPPORTING CALCULATIONS

PBR-TIF CALCULATION OF BENCHMARK GAS TRANSPORTATION COSTS ("BMGTC")

LOUISVILLE GAS AND ELECTRIC COMPANY CALCULATION OF TOTAL ANNUAL BENCHMARK MONTHLY GAS TRANSPORTATION COSTS ("TABMGTC") FOR PBR TRANSPORTATION INDEX FACTOR ("TIF")

18	TOTAL NNS BMGTC (4*7*17) 22.394,858 22.394,181 22.361,181 22.432,965 57.95,641 5798,608 5798,608 5798,608 5798,608 5798,608	545.770,295	
17	707AL S&DB (9+12+14+ (9+12+14+ SY1 859 SY1 852 SY1 895 SY 289 SY 289 SY 289 SY 337 SY 337 SY 289 SY 188 SY 289 SY 188 SY 188 SY 189 SY 189 SY 189 SY 188 SY 189 SY	\$112,027 \$112,027 \$1,138 \$1,138 \$1,138 \$1,138 \$1,138 \$1,648 \$1,138 \$2,138 \$1,648 \$2,138 \$2,138 \$2,138 \$2,138 \$2,138 \$2,138 \$3,488 \$2,701 \$2	
16	01HER 80 80 80 80 80 80 80 80 80 80 80 80 80	\$0 34 36 38 39 39 30 30 30 30 30 30 30 30	
15	CASH CASH CASH CASH CASH CASH CASH CASH	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	
4	101AL (6x13) 53,132 55,566 54,887 54,887 51,503 51,503 51,503 5303 52,034 52,034	San 274 Sp	
55	BILLS ACA CHARGE S0.0021	ALCULATION OF CHARGE SOURCE SO	
5	5.AND DIRECTT (1/3x10) + (1/3x10) + (1/3x10) 5/15/13 (6x11) (6x11	\$81,753 30 100 A C C C C C C C C C C C C C C C C C C	,
11	N	### #### #############################	
10	LICULATION OF CAPACITION OF CA	27 28 FT PORTION OF BMGTC TOTAL TOTAL (23x26) (24x26) (2	
9 STOTE OF	101 101	\$0 27 TOTAL COMM. (25524)+ (25524)- (25524)- \$32,723 \$31,722 \$31,722 \$31,722 \$31,722 \$31,722 \$31,722 \$31,722 \$31,722 \$31,722 \$31,722 \$31,722 \$31,722 \$31,722 \$31,722 \$31,722 \$31,722 \$32,7	
8	CALCULATION OF 1 EAA'S GAS NO-NOTING SERVICE PROFITION PER SIRRORT CALCULATION OF 1 EAA'S GAS NO-NOTING SERVICE PROFITION OF SIRRORT CALCULATION OF SIRRORT CALCULA	25 26 27 28	
7	100 A	8,252 \$826,089 25 CALCULATION (CALCULATIO	
ø	RGES SATE 1461 . 1,461 . 1,461 . 1,054 . 1,328 . 1,328 . 1,330 . 1,375 . 1,375 . 1,375 . 1,668 .	14,518,252 24 RATES F COMMODITY CHAP F TOOMMODITY CHAP T SI, CITY-SATE T 21, 21, 21, 21, 21, 21, 21, 21, 21, 21,	
w	CALCULATION OF BASE TARIFF RATES TOTAL COMMODITY CHA 12243 S2,253,48 S2,371,860 S0,0569 Z3,271,860 Z3,27	1,438,960 \$18,139,179 14,518,252 \$25,009 20	
4	TOULATION OF B. TOTAL 102-2) 22,263,349 52,271,860 52,371,860 52,371,860 51,209,620 57,209,688 5796,688	\$18,139,179 22 22 10000000000000000000000000000	
ю		1,438,986 S 1,438,986 S 1,438,986 S 1,438,986 S 1,438,986 S 1,438,986 S 1,439 S 1,430	
8	NNIS DE CHARGE 50.4138 50.4138 50.4138 50.4138 50.4138 50.4138 50.4138 50.4138	20	
-	DAYS 31 33 34 34 34 34 34 34 34 34 34 34 34 34	366 BAYS DAYS 36 31 32 32 32 32 32 32 32 32 32 32 32 32 32	
COLUMN	MONTH NOV. 03 NOV. 03 DEC. 03 DEC. 04 AAR. 04	COLUMN MONTH MONTH MAY 04 JUL 04 JUL 04 SEP 04	

6		TOTAL	BM(TGT)	(18+56+60)	\$2,750,235	\$2,938,264	\$3,235,866	\$2,699,123	\$2,772.474	\$1,751,170	\$1,307,034	\$1,292,729	\$1,391,785	\$1,423,622	\$1,356,080	\$2,140,839	\$25,059,221
09	OTALSTF	BMGTC	(39+44+	59)	So	\$0	\$331,878	80	80	80	80	80	80	80	0\$	80	\$331,878
59	STF	TOTAL S&DB		57+58)	ı					0\$							\$1,197
88				OTHER	os So	\$0	\$0	SO SO	\$0	os S	S	0\$	S.	20	20	80	80
22			CASH-	TU0	20	\$0	\$0	\$0	20	20	20	20	20	SO SO	\$0	80	\$0
56	TOTAL FT	BMGTC	(22+27+	55)	\$355,377	\$393,697	\$379,792	\$337,942	\$339,509	\$493,529	\$509,924	\$531,756	\$593,177	\$588,029	\$550,541	\$576,775	\$5,650,048
55	FT	TOTAL S&DB	(30+33+35+	53+54)	\$4,386	\$7,326	\$5,897	\$3,726	\$1,607	\$2,346	\$2,487	\$6,601	\$11,782	\$3,486	\$2,701	\$2,719	\$55,064
54				OTHER	\$0	S	20	20	80	80	80	80	8	0,	80	\$0	0\$
53			CASH-	OUT	\$0	20	20	SO	\$0	\$0	\$0	\$0	S	80	\$0	\$0	80
COLUMN				MONTH	NOV. 03	DEC. 03	JAN. 04	FEB. 04	MAR. 04	APR. 04	MAY 04	JUN. 04	JUL. 04	AUG. 04	SEP. 04	OCT. 04	TOTAL

77	TOTAL	FT-A ZN-0 BMGTC	\$435,773	\$481,084	\$461,109	\$400,581	\$364,400	\$450,974	\$481,084	\$470,520	\$473,855	\$5,326,990	93		TOTAL	FI-A ZN-1	BMGTC	(80+83+92)	\$04,370	\$112,912	\$100,022	\$105,546	\$84.370	\$86,211	\$112,912	\$108,628	\$1,214,181	<u>.</u>											
92		TOTAL S&DB (69+72+74+	S 627	\$9,564	\$8,269	\$4,345	\$2,000	\$7,612	\$9,564	\$2,520	\$2,356	\$66,247	35			TOTAL S&DB	(85+89+90+	94)	\$2,630	\$2,630	\$1,691	\$2,093	\$550	\$684	\$2,630	\$7.16 \$654	\$16,026												
75		danto	S OS	200	8 8	80	2 8	20	88	8 8	\$0	80	91					OTHER	2 5	8 8	20	8 8	8 8	8	នន	388	S S												
47			S1 593	\$2,604	\$2,158	\$807	2 8	\$1,932	\$2,604	\$2,520	\$2,356	\$21,514	06				TOTAL	(82x89)	\$716	\$716	\$383	\$531	3 6	\$46	\$716	\$654	\$5.136												
73	BILLS	ACA	S0 0021	\$0.0021	\$0.0021	\$0.0021	\$0.0021	\$0.0021	\$0.0021	\$0.0021	\$0.0019		89			ACA	ACA	CHARGE	\$0.0021	\$0.0021	\$0.0021	\$0.0021	\$0.0021	\$0.0021	\$0.0021	\$0.0021	2000												
72	تان	TOTAL GRI (63x70) +	S5 034	\$6,960	\$6,111	\$3,538	\$2,000	\$5,680	\$6,960	8 8	80	\$44,733	88	N OF BMGTC	S AND DIRECT	TOTAL GRI	+ (29x67)	(82x87)	\$550	\$1,914	\$1,298	\$1,562	\$550	\$638	\$1,914	3 8 8	\$10,890	-											
7	ONE 0) PORTIO	GRI	SOOOAO	\$0.0040	\$0.0040	\$0.0040	\$0.0040	\$0.0040	\$0.0040	\$0.0000	\$0.0000		87	ONE 1) PORTIO	CALCULATION OF SURCHARGES AND DIRECT BILLS	•		CHARGE	\$0.0040	\$0.0040	\$0.0040	\$0.0040	\$0.0040	\$0.0040	\$0.0040	\$0.0000	200												
70	-A SERVICE (ZO	GRI DEMAND (•	\$0.0500			\$0.0500	\$0.0500	\$0,0500	\$0.0000	\$0.0000		98	-A SERVICE (Z	ALCULATION OF		DEMAND	•		\$0.0500	\$0.0500	\$0.0500	\$0.0500	\$0.0500	\$0.0500	\$0.0000													
69	AS PIPELINE FT	TOTAL PCB&GSR	OS	88	808	80) (. OS	8 8	8 8	80	0\$	88	AS PIPELINE FI	Ò	TOTAL	PCB&GSR	(79x84)	OS OS	88	20	00 00	Sos	0,	05 6	3 & 8	8 8												
89	CALCULATION OF TENNESSEE GAS PIPELINE FT-A SERVICE (ZONE 0) PORTION OF BMGT CALCULATION OF SURCHARGES AND DIRE	PCB. & GSR	50.0000	\$0.0000	\$0.000	\$0.0000	\$0.0000 \$0.0000	\$0.0000	\$0.000	\$0.0000	\$0.0000		25	CALCULATION OF TENNESSEE GAS PIPELINE FT-A SERVICE (ZONE 1) PORTION OF BMGTC		PCB. &	GSR	SURCHG.	\$0,000	\$0,000	\$0.0000	\$0.000	80,000	\$0.0000	\$0.000	\$0,000													
29	CALCULATION	TOTAL	S66.746	\$109,120	\$90,440	\$33,836	S 05	\$80,962	\$109,120	\$105,600	\$109,099	\$911,943	83	CALCULATION		GES	TY-GATE TOTAL	(81x82)	\$26.462	\$26,462	\$14,511	\$19,633	80	\$1,707	\$26,462	\$24,154	\$192,315												
99		Y-GATE	758.481	1,240,000	1,027,728	384,495	0	920,028	1,240,000	1,200,000	1,239,757	10,362,989	82			OMMODITY CHAI	CITY-GATE	DELIVERIES	341.000	341,000	187,000	253,000	0	22,000	341,000	311,259	2,478,259												
æ	ASE TARIFF RATE	CHARGES FT-A ZONE 0 COMMC TOTAL COMMODITY CIT	\$0.0880	\$0.0880	\$0.0880	\$0.0880	\$0.0880	\$0.0880	\$0.0880	\$0.0880	\$0.0880		18		CALCULATION OF BASE TARIFF RATES	FT-A ZONE 1 C	COMMODITY	CHARGE	\$0.0776	\$0.0776	\$0.0776	\$0.0776	\$0.0776	\$0.0776	\$0.0776	\$0.0776													
25	LCULATION OF B	TOTAL TOTAL	\$362,400	\$362,400	\$362,400	\$362,400	\$362,400	\$362,400	\$362,400	\$362,400	\$362,400	\$4,348,800	80		LCULATION OF B	ARGES	TOTAL	(18X79) C83 820	\$83,820	\$83,820	\$83,820	\$83,820	\$83,820	\$83,820	\$83,820	\$83,820	\$1,005,840												
63	CA	FT-A ZONE 0 DEMAND CHARGES AND CONTRACT TOTAL RGF GEWAND (62-63)	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	480,000	79		Ϋ́	NE 1 DEMAND C	CONTRACT	UEMAIND 11 000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	132,000		92	TOTAL	BM(TGPL) (77+93+94)	\$516,453	\$577,393	\$552,753	\$448,770	\$448,770	\$590,379	\$576,057	\$6,490,713
62		DEMAND	\$9.0600	\$9.0600	\$9.0600	\$9.0600	\$9.0600	\$9.0600	\$9.0600	\$9.0600	0090.8\$		78			FT-A ZO	DEMAND	CTARGE	\$7.6200	\$7,6200	\$7.6200	S7.6200 S7.6200	\$7.6200	\$7.6200	\$7.6200	\$7.6200			75	S&DB	CASH- OUT	(\$3,690)	(\$4,605)	(\$8,378)	80	\$0 (\$5.768)	(\$3,617)	(\$3,091)	(\$50,458)
COLUMN	***************************************	HTNOM	NOV. 03	DEC. 03	FEB. 04	MAR. 04	MAY 04	JUN. 04	JUE 04	SEP. 04	00.0	TOTAL	COLUMN				ENOM	EO VON	DEC. 03	JAN. 04	FEB. 04	MAK. U	MAY 04	JUN. 04	JUL. 04	SEP. 04	TOTAL		COLUMN		MONTH	NOV. 03	JAN. 04	FEB. 04 MAR 04	APR. 04	MAY 04 JUN. 04	JUL. 04 AUG. 04	SEP. 04 OCT. 04	TOTAL

				*THERE WERE NO TRANSACTIONS WHICH	REQUIRED LG&E TO USE PIPELINE SERVICES	OTHER THAN THOSE IT HAD UNDER CONTRACT.	THEREFORE, NO PROXY PIPELINE BENCHMARK	HAS BEEN CALCULATED.									
66			TABMGTC	(86+26+96)	\$3,266,688	\$3,522,250	\$3,813,259	\$3,251,876	\$3,278,149	\$2,199,940	\$1,755,804	\$1,824,146	\$1,982,164	\$2,004,208	\$1,932,137	\$2,719,313	\$31,549,934
88	RKS		TOTAL	BM(PPL)	S	0\$	So	\$0	20	So	80	20	So	20	So	So	80
26	UMMARY OF PIPELINE BENCHMARKS	TOTAL	BM(TGPL)	COL. 95	\$516,453	\$583,986	\$577,393	\$552,753	\$505,675	\$448,770	\$448,770	\$531,417	\$590,379	\$580,586	\$576,057	\$578,474	\$6,490,713
96	SUMMARY OF PIP	TOTAL	BM(TGT)	COL. 61	\$2,750,235	\$2,938,264	\$3,235,866	\$2,699,123	\$2,772,474	\$1,751,170	\$1,307,034	\$1,292,729	\$1,391,785	\$1,423,622	\$1,356,080	\$2,140,839	\$25,059,221
COLUMN				MONTH	NOV. 03	DEC. 03	JAN. 04	FEB. 04	MAR. 04	APR, 04	MAY 04	JUN. 04	JUL. 04	AUG. 04	SEP. 04	OCT. 04	TOTAL

PBR-TIF CALCULATION OF ANNUAL ACTUAL GAS TRANSPORTATION COSTS ("AAGTC")

LOUISVILLE GAS AND ELECTRIC COMPANY CALCULATION OF TOTAL ACTUAL ANNUAL GAS TRANSPORTATION COSTS ("TAAGTC") FOR PBR TRANSPORTATION INDEX FACTOR ("TIF")

Ŋ	TOTAL ANNUAL ACTUAL GAS TRANSPORTATION COSTS ("TAAGTC")	\$2,989,537	\$3,338,444	\$2,971,909	\$3,028,920	\$1,807,118	\$1,381,210	\$1,362,308	\$1,466,119	\$1,505,879	\$1,418,511	\$2,213,676	\$26,648,595
4	ACTUAL ANNUAL GAS TRANSPORT. COSTS - TENNESSEE	\$339,248	\$350,495	\$342,543	\$340,369	\$329,664	\$329,664	\$340,382	\$353,715	\$352,795	\$353,020	\$351,016	\$4,130,232
_	ACTUAL PIPELINE TRANSPORTATION COSTS - TEXAS GAS	\$2,650,289 \$2,817,643	\$2,987,949	\$2,629,366	\$2,688,551	\$1,477,454	\$1,051,546	\$1,021,926	\$1,112,404	\$1,153,084	\$1,065,491	\$1,862,660	\$22,518,363
COLUMN	MONTH	NOV. 03	JAN. 04	FEB. 04	MAR. 04	APR. 04	MAY 04	JUN. 04	JUL. 04	AUG. 04	SEP. 04	OCT. 04	TOTAL

PBR-TIF CALCULATION OF SAVINGS AND/OR EXPENSES

LOUISVILLE GAS AND ELECTRIC COMPANY CALCULATION OF SAVINGS AND EXPENSE UNDER PBR TRANSPORTATION INDEX FACTOR ("TIF")

ო	SAVINGS (EXPENSE)	\$277,151	\$474,815	\$279,967	\$249,229	\$392,822	\$374,594	\$461,838	\$516,045	\$498,329	\$513,626	\$505,637	\$4,901,339
2	TAAGTC	\$2,989,537	\$3,338,444	\$2,971,909	\$3,028,920	\$1,807,118	\$1,381,210	\$1,362,308	\$1,466,119	\$1,505,879	\$1,418,511	\$2,213,676	\$26,648,595
~	TABMGTC	\$3,266,688	\$3,813,259	\$3,251,876	\$3,278,149	\$2,199,940	\$1,755,804	\$1,824,146	\$1,982,164	\$2,004,208	\$1,932,137	\$2,719,313	\$31,549,934
COLUMN		NOV. 03	JAN. 04	FEB. 04	MAR. 04	APR. 04	MAY 04	JUN. 04	JUL. 04	AUG. 04	SEP. 04	OCT. 04	TOTAL

PBR-TIF TARIFF SHEETS

PBR-TIF TEXAS GAS TARIFF SHEETS RATE NNS

Issued by: James R. Hendrix, Vice President, Rates Issued on: August 27, 2004

Zone 2 0.0192 Zone 3 0.0207 Zone 4 0.0244	3 4 4 for the of	11 st. on 11 st. on 12 st. on 12 st. on 11 st. on 12 st.
	The maximum reservation charge of	7 6 4

	~	C 22 22 22 22 22 22 22 22 22 22 22 22 22	Currently Rffective
Pates Surcharge	ge GRI {1}	ACA	Rates
		(4)	(5)
and	0.0016		0.1053
.γ	0,0040	0.0021	0.0179
Overrun 0.1155 0.0:75		0.0021	0.1391
and	0.0016		0.2820
Commodity 0.0339	0.0040	0,0021	0.0400
Overrun 0.3143 0.0175		0.0021	0.3379
and	0.0016		0.3138
Commodity 0.0392	0.0040	0.0021	0.0453
Overrun 0.3514 0.0175		0,0021	0.3750
Daily Demand 0.3510	0.0016		0.3526
	0.0040	0.0021	0,0554
Overrun 0.4003 0.0175		0.0021	0,4239
Daily Demand 0.4138	0.0016		0.4154
۲y	0,0040	0.0021	0.0630
Overrun 0.4707 0.0175		0.0021	0.4943

The maximum reservation charge component of the maximum firm volumetric capacity release rate shall be the applicable maximum daily demand rate herein pursuant to Section 25 of the General Terms and Conditions. Note:

GRI surcharge applicable pursuant to Section 22 of the General Terms and Conditions. The NNS daily demand adjustment for low load factor customers (load factor of 50% or less) is \$0.0010. {1}

Forty-Second Revised Sheet No. 10 Superseding Forty-First Revised Sheet No. 10

Currently	ייניין איניין איניי		0.0016 0.1053	0.0021	0.0040 0.0021	0.0016 0.2820	0.0040 0.0021 0.0400	0.0040	0.0016 0.3138	0.0040 0.0021	0.0040		0.0040 0.0021	0.0040			0.0040 0.0021	5 0.0040 0.0021 0.4943	
ariff Sac 33 3			3.7	18	55 0.0175	34	39	43 0.0175	22		14 0.0175	0.1		0.0175	C	æ (1		0.0175	
Base Tariff	S + c S	Zone SL	Daily Demand 0.1037	Commodity 0.0118	Overrun 0.1155	and	Commodity 0.0339	un	and	·y	Overrun 0.3514	and	Commodity 0.0493	นก.		and	Commodity 0.0569	Overrun 0.470	

GRI surcharge applicable pursuant to Section 22 of the General Terms and Conditions. The NNS daily demand adjustment for low load factor customers (load factor of 50% or less) is \$0.0010. Ē

Issued by: H. Dean Jones II, Vice President, Commercial Operation Issued on: April 28, 2003

PBR-TIF TEXAS GAS TARIFF SHEETS RATE FT

FI
Schedule
Rate
Under
Service
For
MMBtu)
per
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Rates
Demand
Daily
Махітит
Effective
Currently

Currently Effective	Rates	(1)	0.0751						0.1751	•				•	.122	0.1757	9
			SL-SL	SL-1	SL-2	SL-3	SL-4	1-1	1-2	1-3	1-4	2-2	2-3	2-4	3–3	3-4	4-4

Minimum Rates: Demand \$-0-

Backhaul rates equal fronthaul rates to zone of delivery.

The maximum reservation charge component of the maximum firm volumetric capacity release rate shall be the applicable maximum daily demand rate herein pursuant to Section 25 of the General Terms and Conditions. Note:

First Revised Sheet No. 24
Superseding
Original Sheet No. 24

Currently Effective Rates	0.0767	0.1690	0.2073	0.2487	0.3010	0.1384	0,1767	0.2177	0.2704	0.1188	0.1609	0.2141	0.1238	0.1773	0.1306
GRI {1}	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016
Base Tariff Rates	0.0751	0.1674	0.2057	0.2471	0.2994	0.1368	0.1751	0.2161	0.2688	0.1172	0.1593	0.2125	0.1222	0,1757	0.1290
	TS-TS	SL-1	SL-2	SL-3	SL-4	1-1	1-2	1-3	1-4	2-2	2-3	2-4	n-n	3-4	4-4

Minimum Rates: Demand \$ 0

Backhaul rates equal fronthaul rates to zone of delivery,

Note: The maximum reservation charge component of the maximum firm volumetric capacity release rate shall be the applicable maximum daily demand rate herein pursuant to Section 25 of the General Terms and Conditions.

GRI surcharge applicable pursuant to Section 22 of the General Terms and Conditions. The FT daily demand adjustment for low load factor customers (load factor of 50% or less) is \$0.0010. 13

Texas Gas Transmission Corporation First Revised Volume No. 1 FERC Gas Tariff

Thirty-Seventh Revised Sheet No. 11 Superseding Thirty-Sixth Revised Sheet No. 11

Note: The maximum reservation charge component of the maximum firm volumetric capacity release rate shall be the applicable maximum daily Currently Effective Maximum Daily Demand Rates (\$ per MMBtu) For Service Under Rate Schedule FT Currently Effective Rates 0.2073 0.3010 0.0767 0.1690 0.2487 0.1384 0.1767 0.2177 0.2704 0.1188 0.1773 0.1306 0.1609 0.2141 0.1238 (3) GRI (1) 0.0016 0.0016 0.0016 0.0016 0.0016 0.0016 0.0016 0.0016 0.0016 0.0016 0.0016 0.0016 0.0016 0.0016 0.0016 (2)Backhaul rates equal fronthaul rates to zone of delivery. Base Tariff 0.1172 0.2057 0.2471 0.2994 0.1368 0.1751 0.1757 0.1290 0.2688 0.1593 0.0751 0.1674 0.2161 0.2125 0.1222 (1) Minimum Rates: Demand \$-0-SL-SL SL-1 SL-2SL-3 SL-4 1-2 1-3 1-4 2-2 2-3 1-1 2-4

demand rate herein pursuant to Section 25 of the General Terms and Conditions.

The FT daily demand adjustment for low load GRI surcharge applicable pursuant to Section 22 of the General Terms and Conditions. factor customers (load factor of 50% or less) is \$0.0010. (T)

Issued by: H. Dean Jones II, Vice President, Commercial Operation

Issued on: April 28, 2003

Effective on: June 1, 2003

Third Revised Sheet No. 25
Superseding
Second Revised Sheet No. 25

Currently	Effective	Rates	(3)	0.0108	0.0286	0.0373	0.0477	0.0536	0.0241	0.0345	0.0436	0.0487	0.0196	0.0297	0.0348	0.0193	0.0244	0.0145
	FERC	ACA	(2)	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019
	Base Tariff	Rates	(1)	6800.0	0.0267	0.0354	0.0458	0.0517	0.0222	0.0326	0.0417	0.0468	0.0177	0.0278	0.0329	0.0174	0.0225	0.0126
				SL-SL	SL-1	SL-2	SL-3	SL-4	1-1	1-2	1-3	1-4	2-2	2-3	2-4	3-3	3-4	4-4

Minimum Rates: Commodity minimum base rates are presented on Sheet 31.

Backhaul rates equal fronthaul rates to zone of delivery.

Second Revised Sheet No. 25 Superseding First Revised Sheet No. 25

Currently	Effective	Rates	(3)	0.0110	0,0288	0.0375	0.0479	0.0538	0.0243	0.0347	0,0438	0.0489	0.0198	0.0299	0.0350	0.0195	0.0246	0.0147
	FERC	ACA	(2)	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0,0021	0.0021	0.0021	1000
	Base Tariff	Rates	(1)	0,0089	0.0267	0.0354	0.0458	0.0517	0.0222	0.0326	0.0417	0.0468	0.0177	0,0278	0.0329	0.0174	0,0225	
				SL-SL	SL-1	SL-2	SL-3	SL-4	1-1	1-2	1 - 3	- 	2-2	2-3	2-4	n-3	3-4	

Minimum Rates: Commodity minimum base rates are presented on Sheet 31.

Backhaul rates equal fronthaul rates to zone of delivery.

First Revised Sheet No. 25 Superseding Original Sheet No. 25

SL-SL 0.0089 SL-1 0.0089 SL-1 0.0267 SL-3 0.0267 SL-4 0.0517 1-1 0.0222 1-3 0.0458 2-2 0.0458 2-4 0.0326 3-4 0.0329 3-3 0.0229 3-3 0.0229	### Commodity ####################################	Currently Effective Maximum Gramodity Rates (\$ per MMBtu) For Service Under Rate Schedule Base Tailff Rates (1) C.0046 C.0046 C.0046 C.0046 C.0046 C.0046 C.0046 C.0046 C.0047 C.0040 C.0041 C.0040 C.0021 C.0021 C.0040 C.0021 C.0021 C.0040 C.0021 C.0021 C.0038 C.0038 C.0040 C.0040 C.0021 C.0040 C.0021 C.0021 C.0021 C.0022 C.0040 C.0021 C.0021 C.0022 C.0038 C.0030 C.0031 C.0032 C.0032 C.0032 C.0032 C.0032 C.0032 C.0033 C.0032 C.0033 C.0032 C.0033 C.0034 C.0034 C.0040 C.0032 C.0033 C.	ce Under Rate Schedule FT Currently Effective Rates (4) 0.0150 0.0328 0.0415 0.0578 0.0283 0.0387 0.0478 0.0529 0.0339 0.0336 0.0336
---	--	---	---

Backhaul rates equal fronthaul rates to zone of delivery.

Texas Gas Transmission Corporation FERC Gas Tariff First Revised Volume No. 1

Twenty-Eighth Revised Sheet No. 11A Superseding Twenty-Seventh Revised Sheet No. 11A

			Currently
Base Tariff		FERC	Effective
Rates	GRI	ACA	Kates
(1)	(2)	(3)	(4)
0.0089	0.0040	0.0021	0.0150
0.0267	0.0040	0.0021	0.0328
0.0354	0.0040	0.0021	0.0415
0.0458	0.0040	0.0021	0.0519
0.0517	0.0040	0.0021	0.0578
0.0222	0.0040	0.0021	0.0283
0.0326	0.0040	0.0021	0.0387
0.0417	0.0040	0.0021	0.0478
0.0468	0.0040	0.0021	0.0529
0.0177	0.0040	0.0021	0.0238
0.0278	0.0040	0.0021	0.0339
0.0329	0.0040	0.0021	0.0390
0.0174	0.0040	0.0021	0.0235
0.0225	0.0040	0.0021	0.0286
0.0126	0.0040	0.0021	0.0187

Backhaul rates equal fronthaul rates to zone of delivery.

PBR-TIF TEXAS GAS TARIFF SHEETS RATE STF

Second Revised Sheet No. 28
Superseding
First Revised Sheet No. 28

Currently Effective Maximum Transportation Rates (\$ per MMBtu) for Service under Rate Schedule STF and STFX

Pe	eak (Winter)-Demand	Off-Peak (Summer)-Demand
	Currently	Currently
	Effective	Effective
	Rates	Rates
	pain carl you was after the same	AND THE
SL-SL	0.1122	0.0489
SL-1	0.2503	0.1089
SL-2	0.3076	0.1338
SL-3	0.3695	0.1607
SL-4	0.4478	0.1947
1-1	0.2045	0.0890
1-2	0.2618	0.1139
1-3	0.3232	0.1405
1-4	0.4020	0.1748
2-2	0.1751	0.0763
2-3	0.2382	0.1036
2-4	0.3178	0.1382
3-3	0.1827	0.0795
3-4	0.2627	0.1143
4-4	0.1929	0.0839

Note: The STF commodity rate is the applicable FT commodity rate on Sheet No. 25.

The STF overrun rate equals the daily demand rate plus applicable FT commodity rate.

Minimum rate: Demand \$-0- The minimum commodity rate is presented on Sheet 31.

STF Premium for Term Differentiation within Season

(A)	Peak (Winter) Se	ason:	[B]	Off-Peak (Summer)	Season:
		Allowable			Allowable
		Contract			Contract
	Contract Term	Premium(1)		Contract Term	Premium(2)
	Up to 1 month	up to 25 cents		Up to 1 month	up to 25 cents
	Greater than 1			Greater than 1	
	month, up to			month, up to	
	150 days	up to 10 cents		213 days	up to 10 cents

- (1) Above Currently Effective Winter Demand Rate
- (2) Above Currently Effective Summer Demand Rate

Issued by: James R. Hendrix, Vice President, Rates

Issued on: June 30, 2004 Effective on: August 1, 2004

Currently Effective Maximum Transportation Rates (S per MMBtu, for Service under Rate Schedule STF and STFX

	Pea	ak Winter -D	emand	Off-1	Peak Summer	-Demand
	Base Tariff		Currently Effective	Base Tariff		Currently Effective
	Rates	GRI(1)	Pates	Rates	GRI (1)	Fates
SL-SL	0.1122	0.0016	G.1138	0.0489	0.0016	0.0505
SL-1	0.2503	0.0016	0.2519	0.1089	0.0016	0.1105
SL-2	0.3076	0.0016	0.3092	0.1338	0.0016	0.1354
SL-3	0.3695	0.0016	0.3711	0.1607	0.0016	0.1623
SL-4	0.4478	0.0016	0.4494	0.1947	0.0016	0.1963
1-1	0.2045	0.0016	0.2061	0.0890	0.0016	0.0906
1-2	0.2618	0.0016	0.2634	0.1139	0.0016	0.1155
1-3	0.3232	0.0016	0.3248	0.1405	0.0016	0.1421
1 - 4	0.4020	0.0016	0.4036	0.1748	0.0016	0.1764
2-2	0.1751	0.0016	0.1767	0.0763	C.0016	0.0779
2~3	0.2382	0.0016	0.2398	0.1036	0.0016	0.1052
2-4	0.3178	0.0016	0.3194	0.1382	0.0016	0.1398
3-3	0.1827	0.0016	0.1843	0.0795	0.0016	0.0811
3-4	0.2627	0.0016	0.2643	0.1143	0.0016	0.1159
4-4	0.1929	0.0016	0.1945	0.0839	0.0016	0.0855

Note: The STF commodity rate is the applicable FT commodity rate on Sheet No. 11A.

The STF overrun rate equals the daily demand rate plus applicable FT commodity rate.

Minimum rate: Demand \$-0- The minimum commodity rate is presented on Sheet 12A.

STF Premium for Term Differentiation within Season

[A]	Peak (Winter:	Season:	(B)	Off-Peak Summer)	Season:
		Allowable			Allowable
		Contract			Contract
*	Contract Term	Premium{2}		Contract Term	Premium(3)
					* * * * * * * * * *
	Up to 1 month	up to 25 cents		Up to 1 month	up to 25 cents
	Greater than 1	•		Greater than 1	
	month, up to			month, up to	
	150 days	up to 10 cents		213 days	up to 10 cents

- (1) GRI surcharge applicable pursuant to Section 12 of the General Terms and Conditions. The FT daily demand adjustment for low load factor customers load factor of 50 percent or less is \$0.0010.
- {2} Above Base Winter Demand Rate
- {3} Above Base Summer Demand Rate

Issued by: James R. Hendrix, Vice President, Rates

Issued on: June 10, 2003 Effective on: June 1, 2003

Eighth Revised Sheet No. 11D
Superseding
Seventh Revised Sheet No. 11D

Currently Effective Maximum Transportation Rates (\$ per MMBtu) for Service under Rate Schedule STF and STFX

	Pea	ak (Winter)-D	emand	Off-I	Peak (Summer)	-Demand
	Base		Currently	Base		Currently
	Tariff		Effective	Tariff		Effective
	Rates	GRI(1)	Rates	Rates	GRI(1)	Rates
						_ ~ ~ ~ ~ ~
SL-SL	0.1122	0.0016	0.1138	0.0489	0.0016	0.0505
SL-1	0.2503	0.0016	0.2519	0.1089	0.0016	0.1105
SL-2	0.3076	0.0016	0.3092	0.1338	0.0016	0.1354
SL-3	0.3695	0.0016	0.3711	0.1607	0.0016	0.1623
SL-4	0.4478	0.0016	0.4494	0.1947	0.0016	0.1963
1-1	0.2045	0.0016	0.2061	0.0890	0.0016	0.0906
1-2	0.2618	0.0016	0.2634	0.1139	0.0016	0.1155
1-3	0.3232	0.0016	0.3248	0.1405	0.0016	0.1421
1 - 4	0.4020	0.0016	0.4036	0.1748	0.0016	0.1764
2-2	C.1751	0.0016	0.1767	0.0763	0.0016	0.0779
2-3	0.2382	0.0016	0.2398	0.1036	0.0016	0.1052
2-4	0.3178	0.0016	0.3194	0.1382	0.0016	0.1398
3-3	0.1827	0.0016	0.1843	0.0795	0.0016	0.0811
3-4	0.2627	0.0016	0.2643	0.1143	0.0016	0.1159
4-4	0.1929	0.0016	0.1945	0.0839	0.0016	0.0855

Note: The STF commodity rate is the applicable FT commodity rate on Sheet No. 11A.

The STF overrun rate equals the daily demand rate plus applicable FT commodity rate.

Minimum rate: Demand S-0- The minimum commodity rate is presented on Sheet 12A.

STF Premium for Term Differentiation within Season

(A)	Peak (Winter) S	eason:	[B]	Off-Peak (Summer)	Season:
		Allowable			Allowable
		Contract			Contract
	Contract Term	Premium(2)		Contract Term	Premium(3)
	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~				
	Up to 1 month	up to 25 cents		Up to 1 month	up to 25 cents
	Greater than 1			Greater than 1	
	month, up to			month, up to	
	150 days	up to 10 cents		213 days	up to 10 cents

⁽¹⁾ GRT surcharge applicable pursuant to Section 22 of the General Terms and Conditions. The F7 daily demand adjustment for low load factor customers (load factor of 50 percent or less) is \$0.0010.

Issued by: H. Dean Jones II, Vice President, Commercial Operation
Issued on: April 28, 2003 Effective on: June 1, 2003

^{2} Above Base Winter Demand Rate

⁽³⁾ Above Base Summer Demand Rate

PBR-TIF TENNESSEE TARIFF SHEETS RATE FT-A

Twenty-Fourth Revised Sheet No. 23
Superseding
Twenty-Third Revised Sheet No. 23

RATES PER DEKATHERM				FIRM	I TRANSPO	RTATION	RATES		
					'E SCHEDU				
		:	======					=======	
Base Reservation Rates					DELIVERY	ZONE		\$7.64 \$3.38 \$2.85 \$4.93 5 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1.00 \$0.00 \$1.00 \$0.00 \$0.00 \$0.00 \$0.00	
	RECEIPT								
	ZONE	0	L	1	2	3	4		6
	0	\$3.10		\$6.45					
	L		\$2.71						
	1.	\$6.66		\$4.92	\$7.62	\$9.08	\$10.77	\$12.64	\$15.19
	2	\$9.06		\$7.62	\$2.86	\$4.32	\$6.32	\$7.89	\$10.39
	3	\$10.53			\$4.32				\$10.14
	4	\$12.53			\$6.32			\$3.38	\$5.89
		\$14.09		\$12.64	\$7.89	\$7.64	\$3.38	\$2.85	\$4.93
	6	\$16.59		\$15.15	\$10.39	\$10.14	\$5.89	\$4.93	\$3.16
Surcharges					DELIVERY	ZONE			
	RECEIPT								
	ZONE	0	L		2	3	4		6
PCB Adjustment: 1/	0	\$0.00		\$0.00		\$0.00	\$0.00	\$0.00	\$0.00
	L		\$0.00						
	1	\$0.00		\$0.00		\$0.00	\$0.00	\$0.00	\$0.00
	2	\$0.00		\$0.00		\$0.00	\$0.00	\$0.00	\$0.00
	3	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	4	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00		\$0.00
	5 6	\$0.00 \$0.00		\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00
Maximum Reservation Rates 2/	DEGETER				DELIVERY				
	ZONE	0			2	3	4		6
	0	\$3.10		\$6.45					\$16.59
	L	•	\$2.71		•		,	,	,,_,
	1	\$6.66	•	\$4.92	\$7.62	\$9.08	\$10.77	\$12.64	\$15.15
	2	\$9.06		\$7.62	\$2.86			\$7.89	
	3	\$10.53		\$9.08		\$2.05	-		•
	4	\$12.53		\$11.08	-	\$6.08	•		
	5	\$14.09		\$12.64					
	6	\$16.59			\$10.39		\$5.89		

Notes

Issued by: Byron S. Wright, Vice President

Issued on: June 30, 2004 Effective on: August 1, 2004

Filed to comply with order of the Federal Energy Regulatory Commission, Docket

No. RP97-149, et al., issued April 29, 1998, 83 FERC ¶ 61,093

PCB adjustment surcharge originally effective for PCB Adjustment Period of July 1, 1995 - June 30, 2000, was revised and the PCB Adjustment Period has been extended until June 30, 2006 as required by the Stipulation and Agreement filed on May 15, 1995 and approved by Commission Orders issued November 29, 1995 and February 20, 1996.

^{2/} Maximum rates are inclusive of base rates and above surcharges.

TENNESSEE GAS PIPELINE COMPANY FERC Gas Tariff FIFTH REVISED VOLUME NO. 1

Twenty-Third Revised Sheet No. 23
Superseding
Twenty-Second Revised Sheet No. 23

RATES PER DEKATHERM

FIRM TRANSPORTATION RATES RATE SCHEDULE FOR FT-A

Base Reservation Rates					DELIVERY	ZONE			
	RECEIPT								
	ZONE	0	L	1	2	3	4	5	6
	0 L	\$3.10	\$2.71	\$6.45	\$9.06	\$10.53	\$12.22	\$14.09	\$16.59
	1	\$6.66	¥	\$4.92	\$7.62	\$9.08	\$10.77	\$12.64	\$15.15
	2	\$9.06		\$7.62	\$2.86	\$4.32	\$6.32	\$7.89	\$10.39
	3	\$10.53		\$9.08	\$4.32	\$2.05	\$6.08	\$7.64	\$10.14
	4	\$12.53		\$11.08	\$6.32	\$6.08	\$2.71	\$3.38	\$5.89
	5	\$14.09		\$12.64	\$7.89	\$7.64	\$3.38	\$2.85	\$4.93
	6	\$16.59		\$15.15	\$10.39	\$10.14	\$5.89	\$4.93	\$3.16

Surcharges					DELIVERY	ZONE			
	RECEIPT ZONE	0	I.	1	2	3	4	5	6
PCB Adjustment: 1/	0	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	L		\$0.00						
	1	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	2	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	3	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	4	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	5	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	6	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Maximum Reservation Rates 2/,	3/ RECEIPT				DELIVERY	ZONE			
	ZONE	0	L	1	2	3	4	5	6
	0 L	\$3.10	\$2.71	\$6.45	\$9.06	\$10.53	\$12.22	\$14.09	\$16.59
	1 2 3 4 5	\$6.66 \$9.06 \$10.53 \$12.53 \$14.09 \$16.59	*****	\$4.92 \$7.62 \$9.08 \$11.08 \$12.64 \$15.15	\$7.62 \$2.86 \$4.32 \$6.32 \$7.89 \$10.39	\$9.08 \$4.32 \$2.05 \$6.08 \$7.64 \$10.14	\$10.77 \$6.32 \$6.08 \$2.71 \$3.38 \$5.89	\$12.64 \$7.89 \$7.64 \$3.38 \$2.85 \$4.93	\$15.15 \$10.39 \$10.14 \$5.89 \$4.93 \$3.16

Minimum Base Reservation Rates The minimum FT-A Reservation Rate is \$0.00 per Dth

Notes:

- PCB adjustment surcharge originally effective for PCB Adjustment Period of July 1, 1995 June 30, 2000, was revised and the PCB Adjustment Period has been extended until June 30, 2006 as required by the Stipulation and Agreement filed on May 15, 1995 and approved by Commission Orders issued November 29, 1995 and February 20, 1996.
- 2/ Maximum rates are inclusive of base rates and above surcharges.
- Gas Research Institute Charge (GRI) of \$0.0500 for Firm Transportation with >= 50% Load Factor and \$0.0310 for Firm Transportation with < 50% Load Factor are not included in the above maximum rates.

Issued by: Byron S. Wright, Vice President

Issued on: May 28, 2004 Effective on: July 1, 2004

TENNESSEE GAS PIPELINE COMPANY FERC Gas Tariff FIFTH REVISED VOLUME NO. 1

RP03-126 ACCEPTED 12/20/02

Twenty-Second Revised Sheet No. 23
Superseding

Twenty-First Revised Sheet No. 23

RATES PER DEKATHERM				FIDA	1 TRANSPO	אסדיב ביים	RATES		
					E SCHEDU				
			******					******	•
Base Reservation Rates					DELIVERY	ZONE			
	RECEIPT						. .		
	ZONE	0	L	1	2	3	4	5	6
	_								
	o L	\$3.10	\$2.71		\$9.06	\$10.53	512.22	\$14.09	\$16.59
	1	\$6.66		\$4.92	\$7.62	\$9.08	\$10.77	512.64	\$15 15
	2	\$9.06			\$2.86				
	3	\$10.53		\$9.08	\$4.32	\$2.05	\$6.08	\$7.64	510.14
	4	\$12.53		\$11.08					
		\$14.09		\$12.64					
	6	\$16.59		\$15.15	\$10.39	\$10.14	35 89	54.93	23.10
Surcharges					DELIVERY	ZONE			
	RECEIPT						. .		
	ZONE	0	L		2	3	4	5	6
PCB Adjustment: 1/	0	\$0.00			\$0.00				
	L		\$0.00						
	1	\$000			\$0.00				
	2	\$0.00			\$0.00		\$0.00		
	3 4	\$0.00 \$0.00			\$0.00 \$0.00	•	\$0.00 \$0.00		
	5	\$0.00		-	\$0.00		\$0.00		
	6	\$0.00			\$0.00				
Maximum Reservation Rates 2/,	3/				DELIVERY	ZONE			
	RECEIPT								
	ZONE	0			2	3	4	5	6
	0	\$3.10		\$6.45	\$906	\$10.53	\$12.22	\$14.09	\$16.59
	L		\$2.71						
	1	\$6.66		\$4.92					
	2	\$9.06			\$2.86				
	3 4	\$10.53 \$12.53		\$11.08	\$4.32				
		\$14.09		\$12.64					
		\$16.59		\$15.15					
Minimum Base Reservation Rates	The min	imum FT-A	. Reserva	tion Rat	e is \$0.	00 per D	:ch		
Notes:							T. 1	1005	Tuna 30
1/ PCB adjustment surcharge (2000, was revised and the									
the Stipulation and Agree November 29, 1995 and Feb		-	15, 1999	and app	proved by	Commis:	sion Orde	ers issue	ed
			ind above	surchan	rges.				
2/ Maximum rates are inclusi-	ve or bas								

Issued by: Jake Hiatt, Vice President

Issued on: November 27, 2002 Effective on: January 1, 2003 Filed to comply with order of the Federal Energy Regulatory Commission, Docket

No. RP02-354, issued September 19, 2002

Sixteenth Revised Sheet No. 23A Superseding Fifteenth Revised Sheet No. 23A

			2		COMMODIT SCHEDUI	LE FOR F	Г-А 		=
Base Commodity Rates	DECEIDA				IVERY ZON				
	ZONE	0	L	1	2	3	4	5	6
	0	\$0.0439					\$0.1118		
	L	*0.0550	\$0.0286		¢0 0776	¢0 0074	\$0.1014	¢0 1126	\$0.150
	1 2	\$0.0669					\$0.1014		
	3	\$0.0978					\$0.0663		
	4	\$0.1129					\$0.0401		
	5	\$0.1231					\$0.0459		
	6	\$0.1608		\$0.1503	\$0.1159	\$0.1142	\$0.0834	\$0.0765	\$0.064
Minimum Commodity Rates 2/				DEL:	IVERY ZOI	NE			
***	RECEIPT ZONE	0	L	1		3		5	
	0	\$0.0026					\$0.0233		
	L		\$0.0034				** ***	** ***	*0 00
	1 2	\$0.0096 \$0.0161					\$0.0202 \$0.0100		
	3	\$0.0101					\$0.0095		
	4	\$0.0237					\$0.0015		
	5	\$0.0268		\$0.0236	\$0.0131	\$0.0126	\$0.0032	\$0.0022	\$0.00
Maximum									
Commodity Rates 1/, 2/	paantom				IVERY ZO				
	ZONE	0	L		2	3		5	
		60 0450		\$0.0688	\$0.0899	\$0.0997	\$0.1137	\$0.1250	\$0.16
	0								¢0 15
	L		\$0.0305		CO 0705	¢0 0003	CO 1033	\$0 11/45	
	L 1	\$0.0688	•	\$0.0591			\$0.1033 \$0.0700		
	L		,	\$0.0591 \$0.0795	\$0.0452	\$0.0549	\$0.1033 \$0.0700 \$0.0682	\$0.0802	\$0.11
	L 1 2	\$0.0688 \$0.0899	,	\$0.0591 \$0.0795 \$0.0893 \$0.1044	\$0.0452 \$0.0549 \$0.0700	\$0.0549 \$0.0385 \$0.0682	\$0.0700 \$0.0682 \$0.0420	\$0.0802 \$0.0784 \$0.0478	\$0.11 \$0.11 \$0.08
	L 1 2 3 4 5	\$0.0688 \$0.0899 \$0.0997 \$0.1148 \$0.1250		\$0.0591 \$0.0795 \$0.0893 \$0.1044 \$0.1145	\$0.0452 \$0.0549 \$0.0700 \$0.0802	\$0.0549 \$0.0385 \$0.0682 \$0.0784	\$0.0700 \$0.0682 \$0.0420 \$0.0478	\$0.0802 \$0.0784 \$0.0478 \$0.0446	\$0.11 \$0.11 \$0.08 \$0.07
	L 1 2 3 4	\$0.0688 \$0.0899 \$0.0997 \$0.1148		\$0.0591 \$0.0795 \$0.0893 \$0.1044 \$0.1145	\$0.0452 \$0.0549 \$0.0700 \$0.0802	\$0.0549 \$0.0385 \$0.0682 \$0.0784	\$0.0700 \$0.0682 \$0.0420	\$0.0802 \$0.0784 \$0.0478 \$0.0446	\$0.11 \$0.11 \$0.08 \$0.07
Notes:	L 1 2 3 4 5	\$0.0688 \$0.0899 \$0.0997 \$0.1148 \$0.1250		\$0.0591 \$0.0795 \$0.0893 \$0.1044 \$0.1145	\$0.0452 \$0.0549 \$0.0700 \$0.0802	\$0.0549 \$0.0385 \$0.0682 \$0.0784	\$0.0700 \$0.0682 \$0.0420 \$0.0478	\$0.0802 \$0.0784 \$0.0478 \$0.0446	\$0.11 \$0.11 \$0.08 \$0.07
Notes:	L 1 2 3 4 5 6	\$0.0688 \$0.0899 \$0.0997 \$0.1148 \$0.1250 \$0.1627		\$0.0591 \$0.0795 \$0.0893 \$0.1044 \$0.1145 \$0.1522	\$0.0452 \$0.0549 \$0.0700 \$0.0802	\$0.0549 \$0.0385 \$0.0682 \$0.0784	\$0.0700 \$0.0682 \$0.0420 \$0.0478 \$0.0853	\$0.0802 \$0.0784 \$0.0478 \$0.0446	\$0.11 \$0.11 \$0.08 \$0.07
1/ The above maximum rates in	L 1 2 3 4 5 6 nclude a pe	\$0.0688 \$0.0899 \$0.0997 \$0.1148 \$0.1250 \$0.1257 r Dth ch	arge for e listed	\$0.0591 \$0.0795 \$0.0893 \$0.1044 \$0.1145 \$0.1522	\$0.0452 \$0.0549 \$0.0700 \$0.0802 \$0.1178	\$0.0549 \$0.0385 \$0.0682 \$0.0784 \$0.1161 \$0.0019	\$0.0700 \$0.0682 \$0.0420 \$0.0478 \$0.0853	\$0.0802 \$0.0784 \$0.0478 \$0.0446 \$0.0784	\$0.11 \$0.110 \$0.085 \$0.076 \$0.066
1/ The above maximum rates in (ACA) Annual Charge Adjust 2/ The applicable fuel retent rendered solely by displace	L 1 2 3 4 5 6 nclude a pe	\$0.0688 \$0.0899 \$0.0997 \$0.1148 \$0.1250 \$0.1257 r Dth ch	arge for e listed	\$0.0591 \$0.0795 \$0.0893 \$0.1044 \$0.1145 \$0.1522	\$0.0452 \$0.0549 \$0.0700 \$0.0802 \$0.1178	\$0.0549 \$0.0385 \$0.0682 \$0.0784 \$0.1161 \$0.0019	\$0.0700 \$0.0682 \$0.0420 \$0.0478 \$0.0853	\$0.0802 \$0.0784 \$0.0478 \$0.0446 \$0.0784	\$0.11' \$0.11' \$0.08! \$0.07' \$0.06'

Issued by: Byron S. Wright, Vice President

Issued on: August 31, 2004 Effective on: October 1, 2004

Fifteenth Revised Sheet No. 23A Superseding Fourteenth Revised Sheet No. 23A

			======		E SCHEDU		T-A		=
Base Commodity Rates	DECETOR	******		DEL	IVERY ZO	NE			
	ZONE	0	L	1	2	3	4	5	6
	0							\$0.1231	\$0.160
	L		\$0.0286						
	1	\$0.0669		\$0.0572	\$0.0776	\$0.0874	\$0.1014	\$0.1126	\$0.150
	2	\$0.0880		\$0.0776	\$0.0433	\$0.0530	\$0.0681	\$0.0783	\$0.115
	3 4	\$0.0978 \$0.1129		\$0.0874	\$0.0530	\$0.0366	\$0.0663	\$0.0765	\$0.114
	5	\$0.1231		\$0.1025	\$0.0081	\$0.0663	\$0.0401	\$0.0459 \$0.0427	\$0.083
	6	\$0.1608						\$0.0765	
Minimum									
Commodity Rates 2/				DEL	IVERY ZO	NE			
	RECEIPT								
	ZONE	0	L	1	2	3	4	5	6
	0	\$0.0026		\$0.0096	\$0.0161	\$0.0191	\$0.0233	\$0.0268	\$0.032
	L		\$0.0034						
	1	\$0.0096		\$0.0067	\$0.0129	\$0.0159	\$0.0202	\$0.0236	\$0.029
	2 3	\$0.0161		\$0.0129	\$0.0024	\$0.0054	\$0.0100	\$0.0131	\$0.018
	4	\$0.0237		\$0.0159	\$0.0054	\$0.0004	\$0.0095	\$0.0126 \$0.0032	\$0.018
		\$0.0268		\$0.0205	\$0.0100	\$0.0095	\$0.0015	\$0.0032	\$0.009
	6	\$0.0326		\$0.0294	\$0.0189	\$0.0184	\$0.0090	\$0.0022	\$0.003
Maximum									
Commodity Rates 1/, 2/				DEL	IVERY ZOI	1E			
	RECEIPT								
	ZONE		L 	1	2	3	4	5	6
	0	\$0.0460		\$0.0690	\$0.0901	\$0.0999	\$0.1139	\$0.1252	\$0.1629
	L	An	\$0.0307	.					
	1 2	\$0.0690		\$0.0593	\$0.0797	\$0.0895	\$0.1035	\$0.1147	\$0.1524
	3	\$0.0901 \$0.0999		\$0.0/97	\$0.0454	\$0.0551	\$0.0702	\$0.0804	\$0.1180
	4	\$0.1150		\$0.0035	\$0.0551	\$0.0387	\$0.0684	\$0.0786 \$0.0480	\$0.1163
	5	\$0.1252		\$0.1147	\$0.0702	\$0.0084	\$0.0422	\$0.0480	\$0.0855
	6	\$0.1629		\$0.1524	\$0.1180	\$0.1163	\$0.0855	\$0.0786	\$0.0663
Notes:									
1/ The above maximum rates i (ACA) Annual Charge Adjus		t Dth ch	arge for			\$0.0021			
2/ The applicable fuel reten	tion percent	ages ar	e listed	on Sheet	- No. 29	provide	ad that	Fan	

Issued by: Byron S. Wright, Vice President

Issued on: June 30, 2004

Effective on: August 1, 2004

Filed to comply with order of the Federal Energy Regulatory Commission, Docket

No. RP97-149, et al., issued April 29, 1998, 83 FERC ¶ 61,093

Fourteenth Revised Sheet No. 23A
Superseding
Thirteenth Revised Sheet No. 23A

				====							CR F					:	
Base Commodity Rates							DEL	IVEF	RY ZCI	ΝE							
	RECEIPT																
	ZONE			1			1		2		3		4		5		6
	0		0439							\$0	0978						
	<u>.</u>			\$0.0	286												
	1 2		.0669 .0880								0874						
	3		.0978								0336						
	4	30	. 1129			30	1025	50.	0681	50	3663	50	0401	so.	0459	\$0	0834
			. 1231								0765						
	5	50	.1603			3 0 .	1503	50	.1159	50	1142	50	. 0834	50	.0765	50	. 3642
Minimum Townsdays Bares 2/							251	****	RY ZC								
Commodity Races 2/	RECEIPT									-		- -				.	- .
	ZONE		3	:	_		:		2		3		4		5		5
	3		. 2026														
	÷	,,,		30.3			7030	JU	7.5.	3 U	3191	20	ددد	ز د	J 4 5 5	3 J	1325
	1	30	.0096			\$0.	3067	50	.0129	30	0159	30	. 3232	5 3	3236	30	.0294
	2		0151								0054						
	3 4		. 3191 . 3237								0004 0095						
			0268								3126						
	i	30	0326			30.	2234	30	01.33	\$3	0184	3.3	3390	\$0	3063	50	2031
Maximum																	
Commodity Rates 1 , 2							DEL	IVE	RY ZO	NΞ							
	RECEIPT																
	ZONE		0								3		4		-		•
	٥		.0500								1.039						
	L				0347												
	1 2		.0730								.0935						
	3		.1039								0591 .0427						
	4		.1190								0724						
	5		.1292								0826						
	6	\$0	.1669	1		\$0	1564	\$0	.1220	\$0	.1203	\$0	. 3895	\$0	.0825	\$0	. 070
Notes:																	
<pre>1/ The above maximum rates inc (ACA' Annual Charge Adjustme 'GRI) Gas Research Institute</pre>	ent e charge			•						\$0	.0021						
GRI will not be assessed in	t it is c	urr	ently	bei	ng p	aid	on a	not	ner p	ıpe	line.						
2/ The applicable fuel retention rendered solely by displaced losses of .5%.																	

Issued by: Byron S. Wright, Vice President

Issued on: February 18, 2004 Effective on: February 1, 2004

TENNESSEE GAS PIPELINE COMPANY FERC Gas Tariff FIFTH REVISED VOLUME NO. 1

Thirteenth Revised Sheet No. 23A
Superseding
Substitute Twelfth Revised Sheet No. 23A

							RAT		MMOD I								
				3 3 2	****	===:	***	222	= = = = =	2 2 3	====	= = =	0 × 2 0 1		2 2 3 3 2	=	
Base Commodity Rates							DEL	IVE	RY ZO	NE							
	RECEIPT																
	ZONE				L		1		2		3		4		5		6
	٥		0439						0880								.1608
	L				0286												
	1 2		0669 0880						0776								
	3		0978						.0433								
	4		1129						.0681								
	5		1231						. 0783								
	6	\$0.	1608			\$0.	1503	\$0	.1159	\$0	.1142	\$0	.0834	\$0	0765	\$0	. 0642
Minimum																	
Commodity Rates 3/	RECEIPT								RY 20		.	·					
	ZONE		o				1		2		3		4		5		6
	_																
	O L	-	0026		0034	\$0 .	0096	\$0	.0161	\$0	0191	\$ 3	.0233	50	0268	\$0	0326
	1		0096		0034	\$0.	0067	\$0	.0129	\$0	0159	50	0202	\$0.	.0236	\$ 0	0294
	2	\$O.	0151			\$O.	0129	\$0	.0024	\$0	0054	\$0	.0100	\$0	.0131	\$0	0189
	3		0191						.0054								
	4 5		0237 0268						.0100 .0131								
	6		0326						.0139								
Maximum Commodity Rates 1/, 2/, 3/							DEL	IVE	RY ZOI	VE.							
**************************************	RECEIPT																
	ZONE		c 				1		2		3	. .	4		5		6
	0	\$0.	0500			\$0.	0730	\$0	0941	\$0.	1039	\$0.	1179	\$ 0.	1292	s o .	1659
	L				0347												
	1 2		0730 0941						.0837								
	3		1039						0591								
	4	\$0.	1190			\$ D .	1086	\$0	0742	s٥.	0724	\$0	0462	\$0 .	0520	\$ D	C 8 9 5
	5		1292						1220	-							
	6	\$U	1669			ఫ υ.	1564	\$0.	1220	\$0.	1203	\$3.	0895	\$U.	0825	\$0	0703
Notes:																	
1/ The above maximum rates incl (ACA: Annual Charge Adjustme (GRI: Gas Research Institute	int	r Dtl	h cha	rge	for:						0021						
	-	ırre:	ntly	bei:	ng pa	id	on ar	icth	er pi								
GRI will not be assessed if	pplicable							ppl	y are		s def 0225	ine	d on	She	et No	:. 3	33.
GRI will not be assessed if 2/ The TCSS Surcharge is only a This surcharge is not include (TCSS) Transition Cost Surch				a						. U .							
2/ The TCSS Surcharge is only a This surcharge is not includ				a						3 0.	0						

Issued by: Jake Hiatt, Vice President

Issued on: November 27, 2002 Effective on: January 1, 2003 Filed to comply with order of the Federal Energy Regulatory Commission, Docket

No. RP02-354, issued September 19, 2002

PBR-OSSIF SUPPORTING CALCULATIONS

PBR-OSSIF CALCULATION OF OFF-SYSTEM SALES REVENUE ("OSREV"), OUT-OF-POCKET COSTS ("OOPC"), AND NET REVENUE ("NR")

LOUISVILLE GAS AND ELECTRIC COMPANY CALCULATION OF NET REVENUE UNDER PBR OFF-SYSTEM SALES INDEX FACTOR ("OSSIF")

-	NET	REVENUE ("NR")	(1 - 6)	\$36,225	\$876,526	\$138,098	\$0	\$198,049	\$12,175	\$0	\$0	\$0	\$0	\$0	\$81,360	\$1,342,433
9		TOTAL	OOPC	\$1,555,641	\$3,359,823	\$2,081,914	\$0	\$4,057,151	\$267,000	\$0	\$0	\$0	\$0	\$	\$359,040	\$11,680,569
5	("OOPC")	OTHER	COSTS	\$0	\$0	\$0	\$0	80	80	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	OUT OF POCKET COSTS ("OOPC"	STORAGE	COSTS ("SC")	\$0	\$0	\$ 0	\$0	\$0	\$0	\$0	\$ 0	\$0	\$0	\$0	\$0	0\$
т	OO	TRANSPORT	COSTS ("TC")	\$0	\$ 0	\$0	\$	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8		GAS	COSTS ("GC")	\$1,555,641	\$3,359,823	\$2,081,914	\$0	\$4,057,151	\$267,000	\$0	\$0	\$0	\$0	\$0	\$359,040	\$11,680,569
	OFF-SYSTEM	SALES REVENUE	("OSREV")	\$1,591,866	\$4,236,349	\$2,220,012	0\$	\$4,255,200	\$279,175	\$0	\$0	0\$	0\$	\$0	\$440,400	\$13,023,002
COLUMN			Ì	NOV. 03	DEC. 03	JAN. 04	FEB. 04	MAR. 04	APR. 04	MAY. 04	JUN. 04	JUL. 04	AUG. 04	SEP. 04	OCT. 04	TOTALS

CSPBR CALCULATION OF COMPANY SHARE OF PERFORMANCE-BASED RATEMAKING SAVINGS OR EXPENSES

LOUISVILLE GAS AND ELECTRIC COMPANY CALCULATION OF COMPANY SHARE OF PBR SAVINGS OR EXPENSES (CSPBR)

(2)	PTAGSC	(Col. 3 / 6)							3.64%
(9)	Benchmarked Gas Costs		\$220,159,259	tion Costs	\$26,648,595			Supply Costs	\$246,807,854
(5)	Benchmarke	Actual Gas Costs	AGC	Actual Transportation Costs	TAAGTC			Total Actual Gas Supply Costs	TAGSC
	aking Savings Demand/Commodity Allocation	Commodity	%96.09		11.76%		14.95%		87.67%
(4)	d Ratemaking Savi Demand/C	Demand	-30.48%		42.81%				12.33%
(3)	erformance-Base		\$2,736,965		\$4,901,339		\$1,342,433		\$8,980,737
(2)	Total Gas Supply Cost Performance-Based Ratemaking Savings Demand/Comn	dex Factor	(\$2,737,394) \$5,474,359	ex Factor	\$3,844,869 \$1,056,470	ndex Factor \$0	\$1,342,433	ors \$1,107,475 \$7,873,262	
(1)	Total	Gas Acquisition Index Factor	Demand Commodity Total	Transportation Index Factor	Demand Commodity Total	Off-System Sales Index Factor OSSIF Demand	Commodity Total	Total All PBR Factors Demand Commodity	TPBRR

LOUISVILLE GAS AND ELECTRIC COMPANY CALCULATION OF COMPANY SHARE OF PBR SAVINGS OR EXPENSES (CSPBR)

Total	\$8,980,737	\$0	\$8,980,737		
Company Portion	\$2,245,184	\$0	\$2.245,184	\$276,831 \$1,968,353	\$2,245,184
Customer Portion	\$6,735,553	\$0	\$6.735,553		CSPBR
Customer Sharing Percentage	42%	20%			
Company Sharing Company	25%	20%		12.33%	100.00%
Total PBR Results (TPBRR)	\$8,980,737	\$0	\$8,980,737	to Demand Costs to Commodity Costs	
	23/15 Company/Customer Sharing Up to 4.5% of TAGSC 50/50 Company/Customer Sharing	in Excess of 4.5% of TAGSC		Portion of Company Savings Attributable to Demand Costs Portion of Company Savings Attributable to Commodity Costs	Total Company Portion of Savings